

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082307.D
 Acq On : 22 May 2024 21:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 23 01:59:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/23/2024
 Supervised By : Mahesh Dadoda 05/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	184274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	320737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	295564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	155558	53.461	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.920%			
35) Dibromofluoromethane	8.171	113	105330	53.385	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.760%			
50) Toluene-d8	10.571	98	377855	49.952	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.900%			
62) 4-Bromofluorobenzene	12.853	95	141920	52.564	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	115529	43.485	ug/l	97
3) Chloromethane	2.359	50	136675	45.393	ug/l	100
4) Vinyl Chloride	2.512	62	130032	45.938	ug/l	98
5) Bromomethane	2.942	94	66782	41.046	ug/l	96
6) Chloroethane	3.112	64	92329	49.954	ug/l	93
7) Trichlorofluoromethane	3.495	101	173263	46.745	ug/l	96
8) Diethyl Ether	3.959	74	71385	54.062	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	96327	44.488	ug/l	98
10) Methyl Iodide	4.589	142	113862	52.310	ug/l	96
11) Tert butyl alcohol	5.530	59	144926	310.283	ug/l	98
12) 1,1-Dichloroethene	4.336	96	94028	46.722	ug/l #	79
13) Acrolein	4.183	56	75675	218.637	ug/l	100
14) Allyl chloride	5.018	41	194431	45.125	ug/l #	90
15) Acrylonitrile	5.724	53	355104	293.554	ug/l	100
16) Acetone	4.430	43	331881	278.045	ug/l	91
17) Carbon Disulfide	4.712	76	257889	39.676	ug/l	98
18) Methyl Acetate	5.024	43	184449	62.050	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	404996	55.056	ug/l	96
20) Methylene Chloride	5.277	84	118779	49.321	ug/l #	75
21) trans-1,2-Dichloroethene	5.783	96	102203	46.602	ug/l #	80
22) Diisopropyl ether	6.677	45	470093	52.249	ug/l #	91
23) Vinyl Acetate	6.606	43	1937403	273.118	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	229127	49.408	ug/l	98
25) 2-Butanone	7.488	43	531955	293.943	ug/l #	84
26) 2,2-Dichloropropane	7.488	77	126877	32.664	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	129848	50.169	ug/l	85
28) Bromochloromethane	7.812	49	108134	53.840	ug/l #	74
29) Tetrahydrofuran	7.841	42	359541	309.431	ug/l #	82
30) Chloroform	7.971	83	229225	51.761	ug/l	99
31) Cyclohexane	8.259	56	190901	41.078	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	194607	49.533	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	149906	45.301	ug/l	96
37) Ethyl Acetate	7.565	43	213875	57.753	ug/l	96
38) Carbon Tetrachloride	8.365	117	162881	48.557	ug/l	98
39) Methylcyclohexane	9.600	83	163593	45.102	ug/l #	87
40) Benzene	8.612	78	483402	48.988	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	127756	58.659	ug/l #	82
42) 1,2-Dichloroethane	8.677	62	198275	52.245	ug/l	94
43) Isopropyl Acetate	8.694	43	454316	69.235	ug/l #	82
44) Trichloroethene	9.353	130	101673	45.359	ug/l	90
45) 1,2-Dichloropropane	9.624	63	127847	50.215	ug/l	99
46) Dibromomethane	9.712	93	88044	52.673	ug/l	99
47) Bromodichloromethane	9.894	83	181479	51.429	ug/l	95
48) Methyl methacrylate	9.682	41	177862	56.884	ug/l #	82
49) 1,4-Dioxane	9.700	88	57940	1322.393	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1138121	305.267	ug/l	90
52) Toluene	10.635	92	294595	49.749	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	181915	49.846	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	190474	49.307	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	114642	53.273	ug/l	98
56) Ethyl methacrylate	10.876	69	210044	57.490	ug/l #	69
57) 1,3-Dichloropropane	11.165	76	210427	52.298	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	532665	282.651	ug/l	91
59) 2-Hexanone	11.200	43	860404	315.181	ug/l	89
60) Dibromochloromethane	11.365	129	136909	57.650	ug/l	99
61) 1,2-Dibromoethane	11.471	107	118613	53.662	ug/l	98
64) Tetrachloroethene	11.106	164	90218	41.182	ug/l	93
65) Chlorobenzene	11.894	112	309262	47.364	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	113307	52.682	ug/l	99
67) Ethyl Benzene	11.965	91	558379	47.805	ug/l	97
68) m/p-Xylenes	12.071	106	416019	97.181	ug/l	93
69) o-Xylene	12.400	106	205895	49.652	ug/l	92
70) Styrene	12.412	104	358271	52.015	ug/l	97
71) Bromoform	12.582	173	92818	54.201	ug/l #	98
73) Isopropylbenzene	12.700	105	530200	46.985	ug/l	98
74) N-amyl acetate	12.494	43	334889	53.953	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	175878	54.068	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	147242m	49.251	ug/l	
77) Bromobenzene	12.982	156	127204	47.301	ug/l	86
78) n-propylbenzene	13.041	91	621351	46.499	ug/l	97
79) 2-Chlorotoluene	13.129	91	382974	45.641	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	438505	48.058	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	60848	47.605	ug/l #	74
82) 4-Chlorotoluene	13.223	91	380067	46.327	ug/l	94
83) tert-Butylbenzene	13.441	119	373609	46.803	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	439890	47.122	ug/l	97
85) sec-Butylbenzene	13.617	105	521485	47.131	ug/l	99
86) p-Isopropyltoluene	13.735	119	432441	48.091	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	224918	46.165	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	223946	45.036	ug/l	97
89) n-Butylbenzene	14.059	91	371961	46.022	ug/l	98
90) Hexachloroethane	14.335	117	79984	48.008	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	221030	47.928	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38371	57.413	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	117220	45.345	ug/l	98
94) Hexachlorobutadiene	15.506	225	45718	40.305	ug/l	95
95) Naphthalene	15.641	128	435875	53.804	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	119290	46.096	ug/l	96

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ClientSampleId :
VSTDCCC050EC

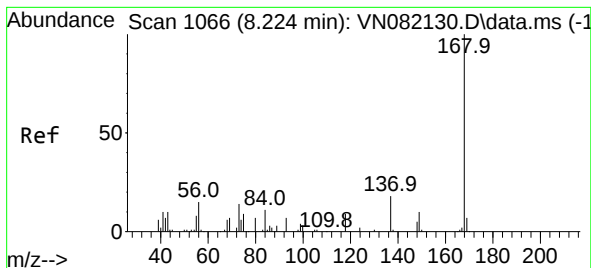
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/23/2024

Quant Time: May 23 01:59:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

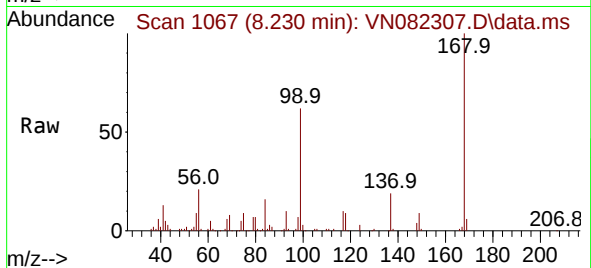
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082307.D
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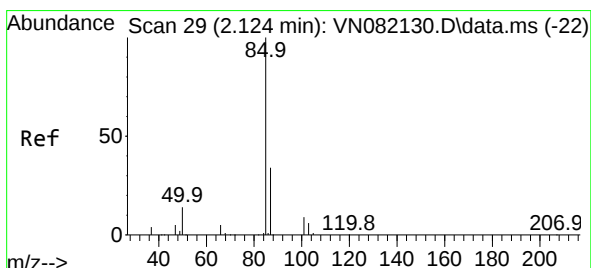
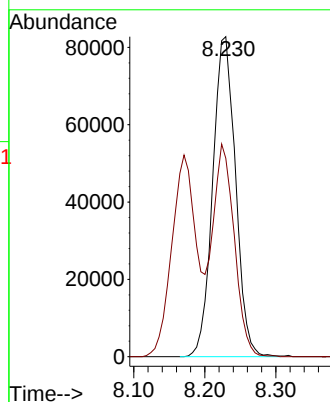
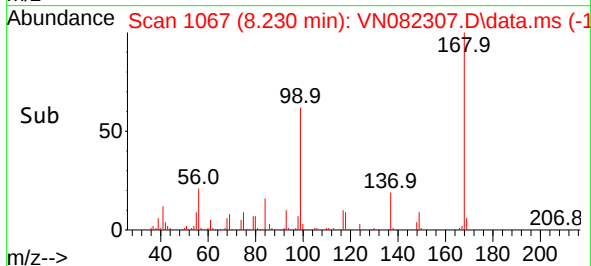
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 184274
Ion Ratio Lower Upper
168 100
99 62.0 48.2 72.4

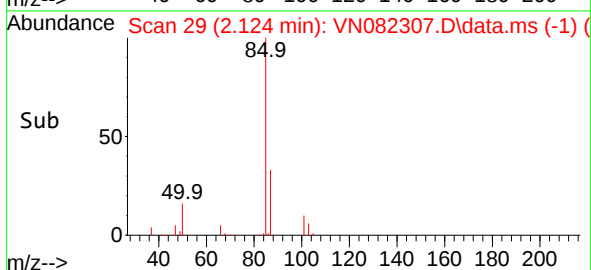
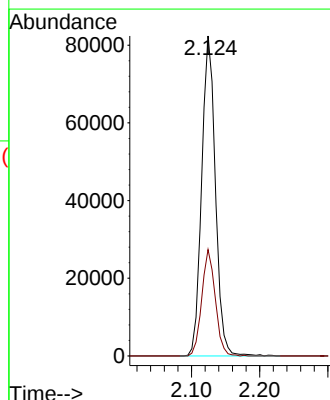
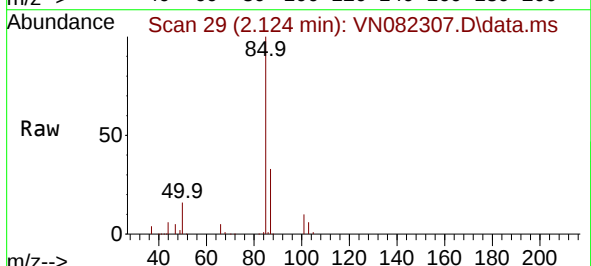
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#2
Dichlorodifluoromethane
Concen: 43.485 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

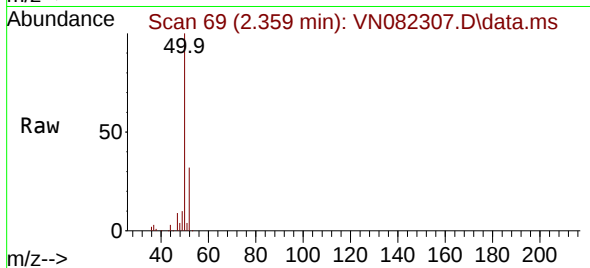
Tgt Ion: 85 Resp: 115529
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





#3
Chloromethane
Concen: 45.393 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

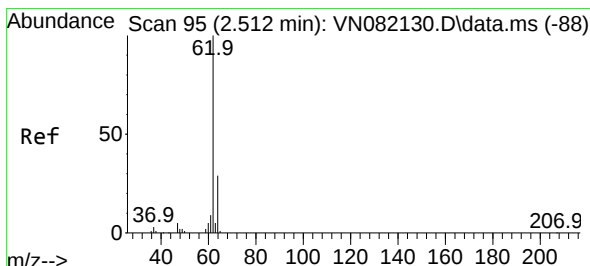
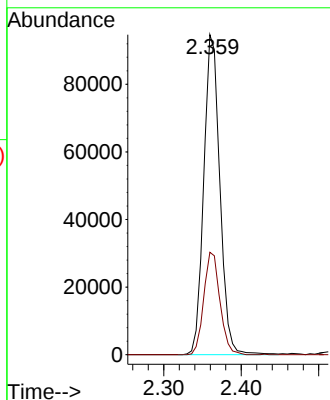
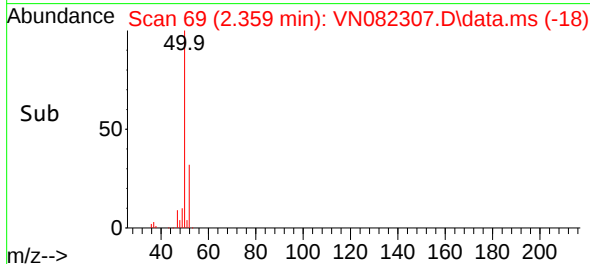
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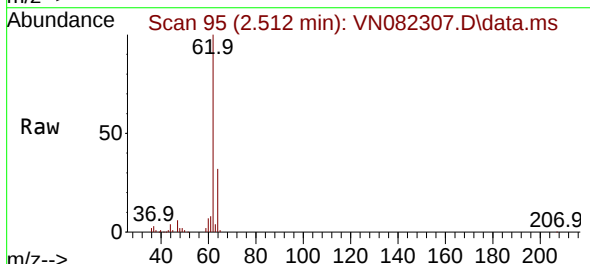
Tgt Ion: 50 Resp: 136679
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

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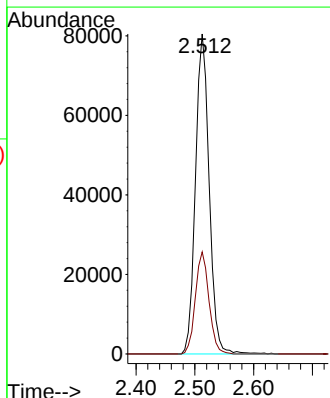
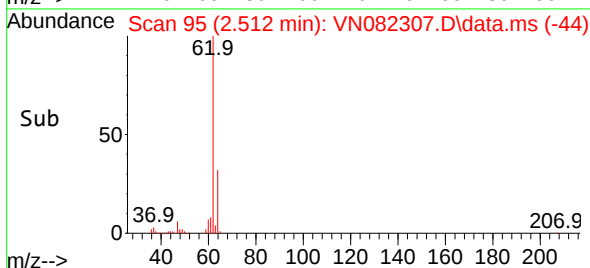
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#4
Vinyl Chloride
Concen: 45.938 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06



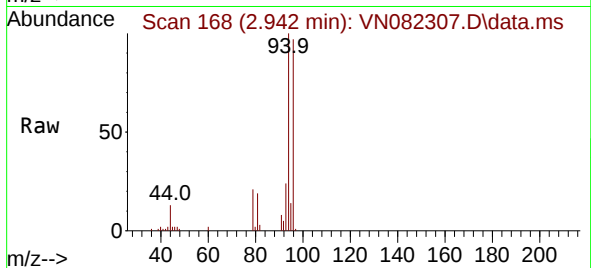
Tgt Ion: 62 Resp: 130032
Ion Ratio Lower Upper
62 100
64 31.9 24.6 37.0





#5
Bromomethane
Concen: 41.046 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

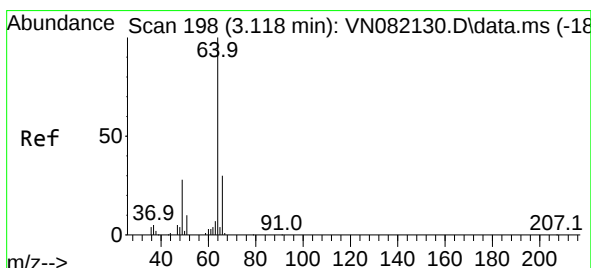
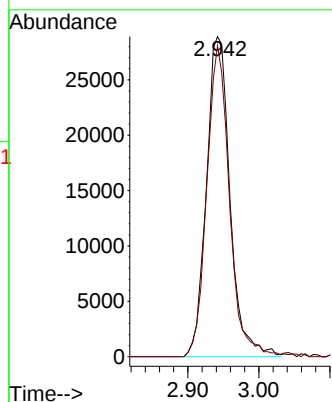
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 6678
Ion Ratio Lower Upper
94 100
96 97.1 74.8 112.2

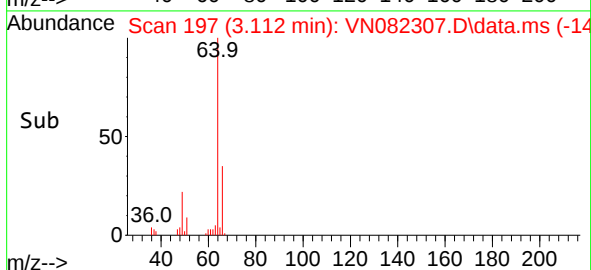
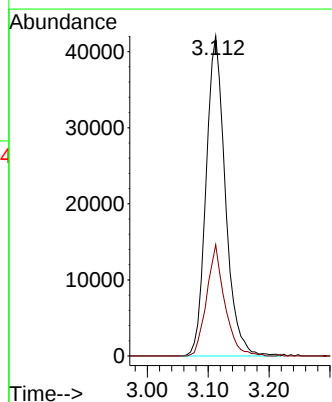
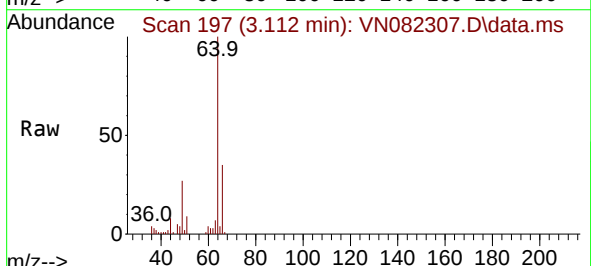
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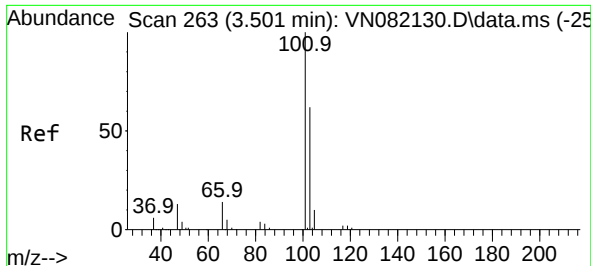
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#6
Chloroethane
Concen: 49.954 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

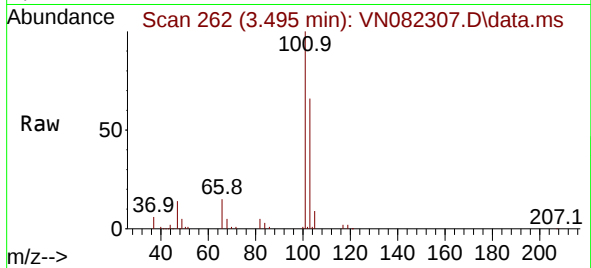
Tgt Ion: 64 Resp: 92329
Ion Ratio Lower Upper
64 100
66 34.8 24.7 37.1





#7
Trichlorofluoromethane
Concen: 46.745 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

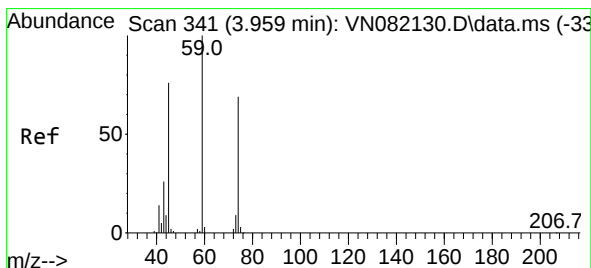
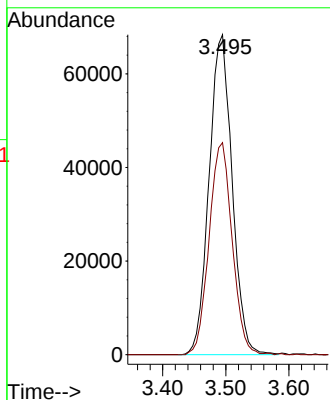
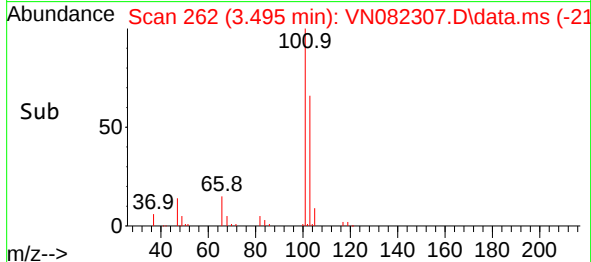
Instrument :
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Tgt Ion:101 Resp: 17326
Ion Ratio Lower Upper
101 100
103 66.2 50.6 75.8

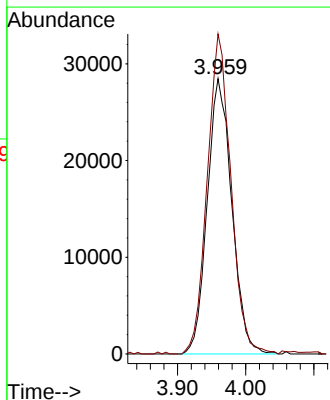
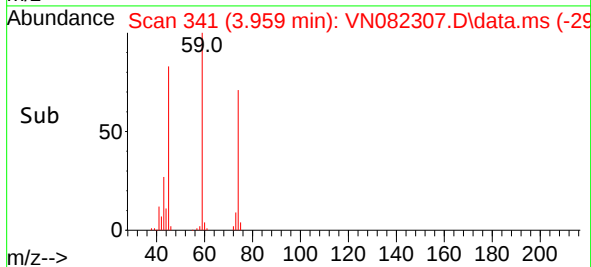
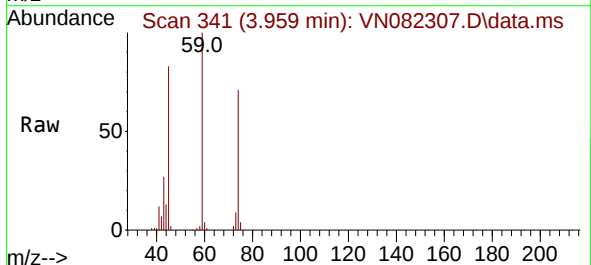
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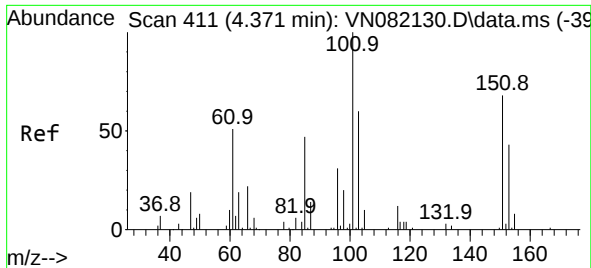
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#8
Diethyl Ether
Concen: 54.062 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Tgt Ion: 74 Resp: 71385
Ion Ratio Lower Upper
74 100
45 111.9 42.4 127.3





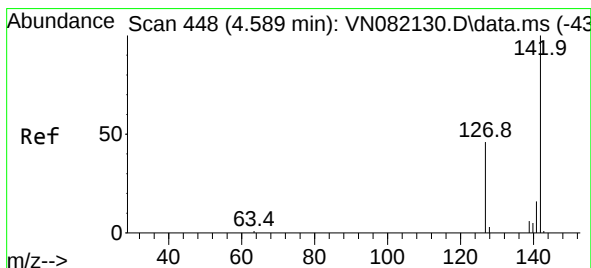
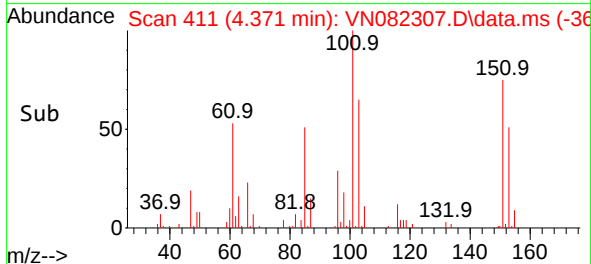
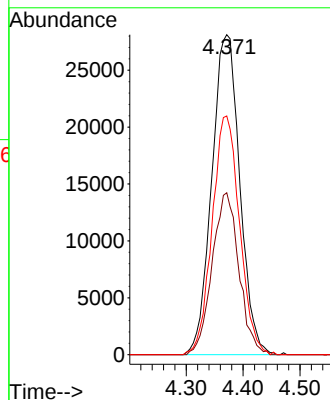
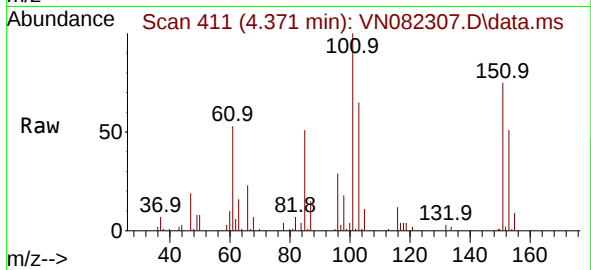
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.488 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082307.D
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Instrument :
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Tgt Ion:101 Resp: 9632
Ion Ratio Lower Upper
101 100
85 48.4 37.3 55.9
151 72.9 59.2 88.8

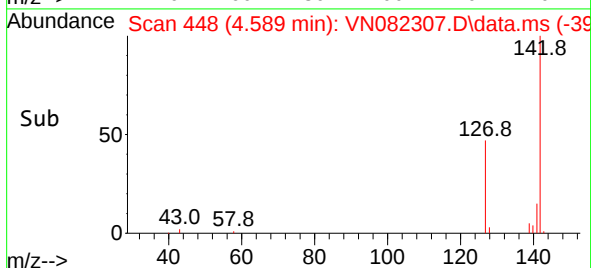
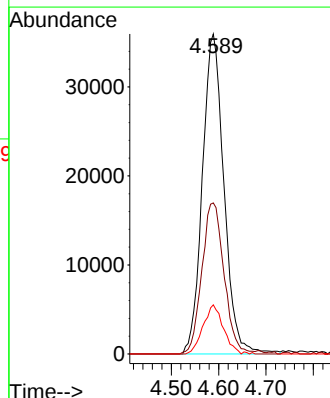
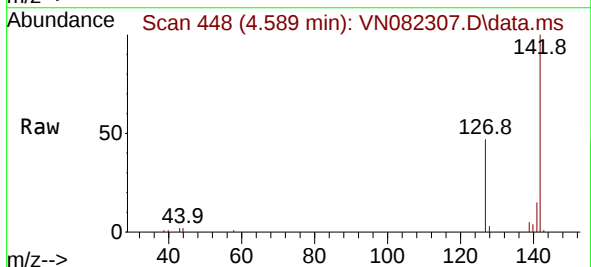
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#10
Methyl Iodide
Concen: 52.310 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Tgt Ion:142 Resp: 113862
Ion Ratio Lower Upper
142 100
127 47.2 35.8 53.6
141 15.4 11.4 17.2





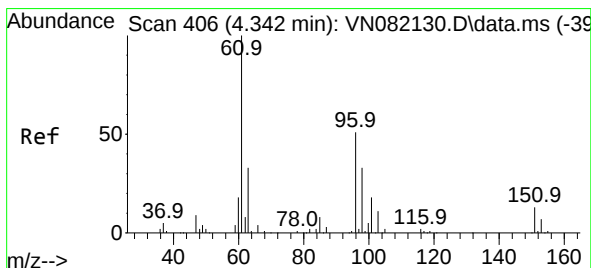
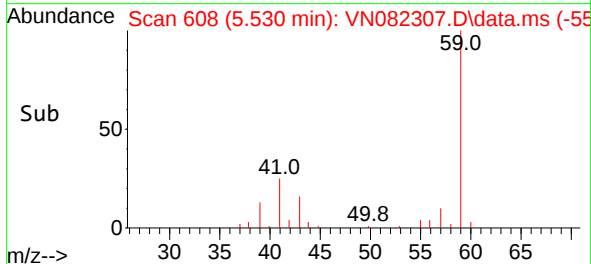
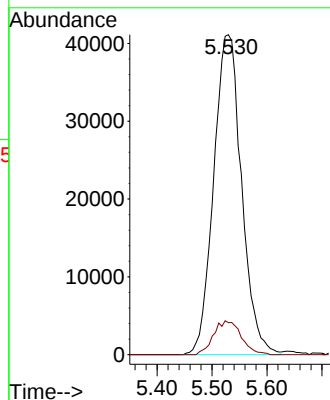
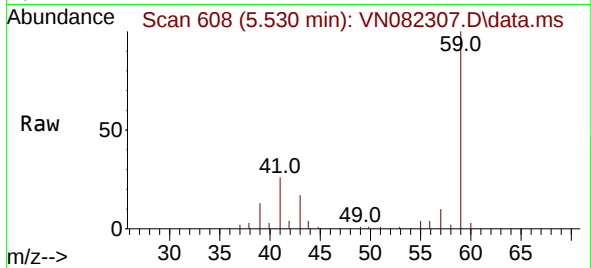
#11
Tert butyl alcohol
Concen: 310.283 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 144920
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3

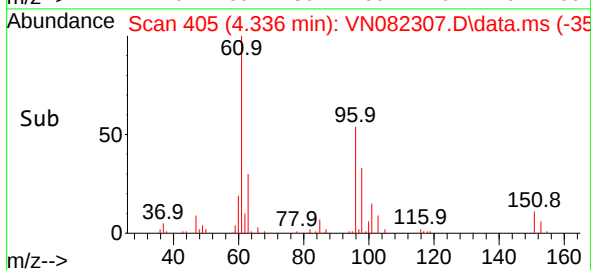
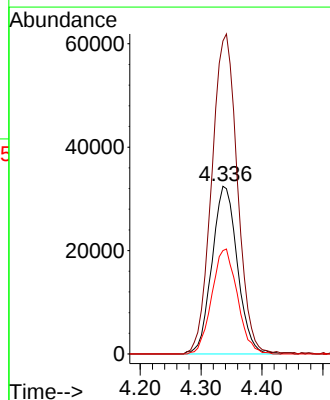
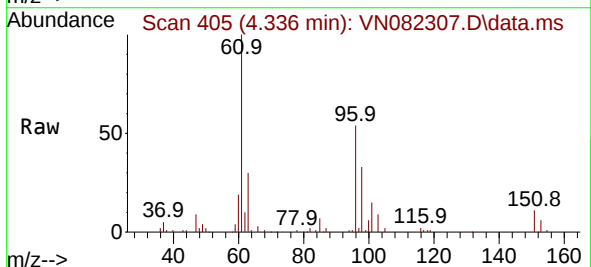
Manual Integrations
APPROVED

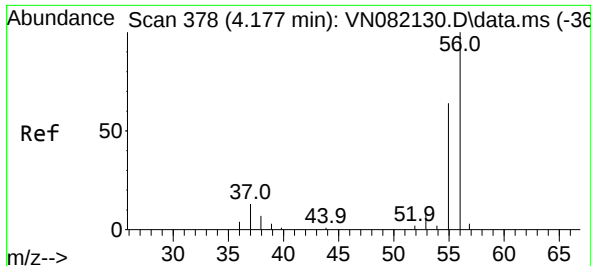
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#12
1,1-Dichloroethene
Concen: 46.722 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Tgt Ion: 96 Resp: 94028
Ion Ratio Lower Upper
96 100
61 186.7 119.7 179.5#
98 61.7 49.6 74.4





#13

Acrolein

Concen: 218.637 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082307.D

Acq: 22 May 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 75679

Ion Ratio Lower Upper

56 100

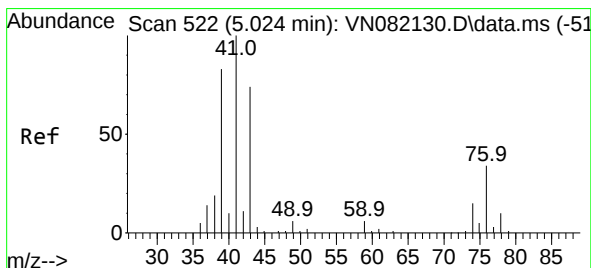
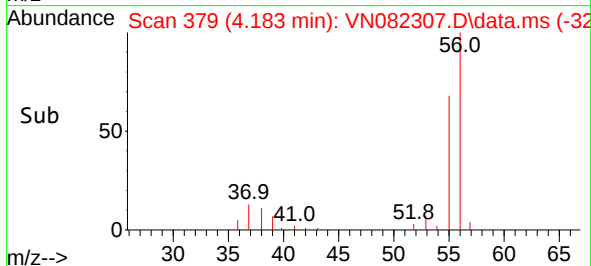
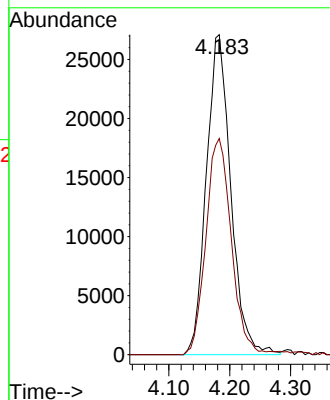
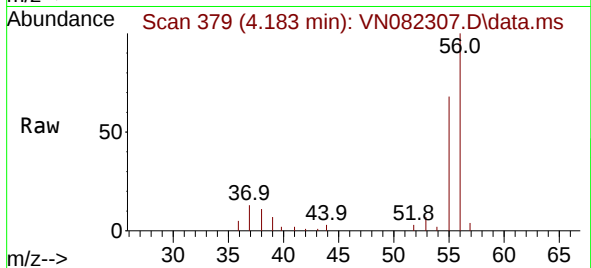
55 70.2 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#14

Allyl chloride

Concen: 45.125 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN082307.D

Acq: 22 May 2024 21:06

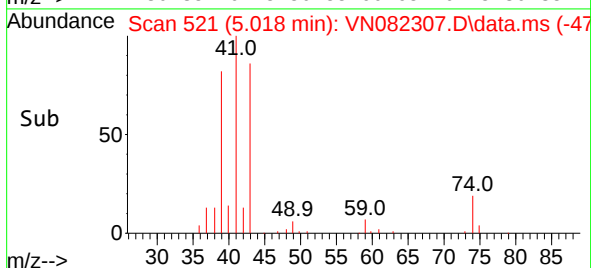
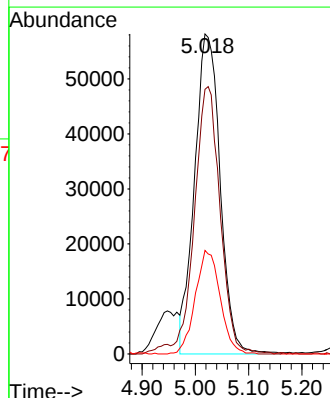
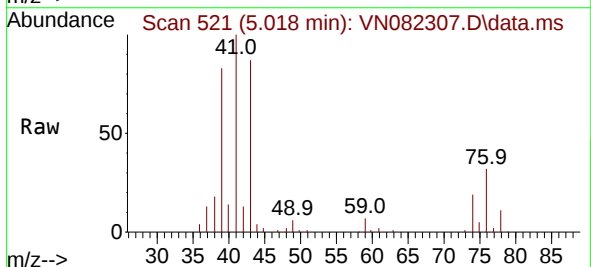
Tgt Ion: 41 Resp: 194431

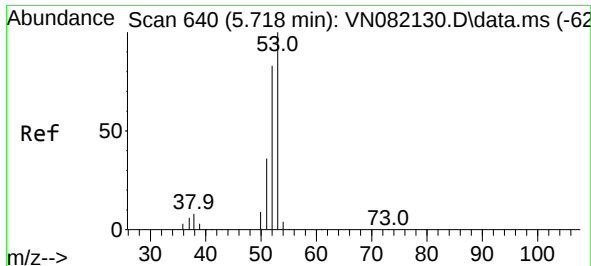
Ion Ratio Lower Upper

41 100

39 84.7 65.4 98.0

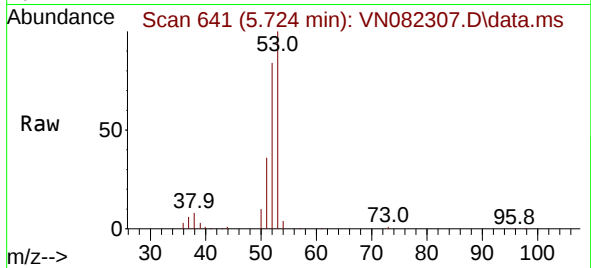
76 31.3 37.3 55.9#





#15
Acrylonitrile
Concen: 293.554 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

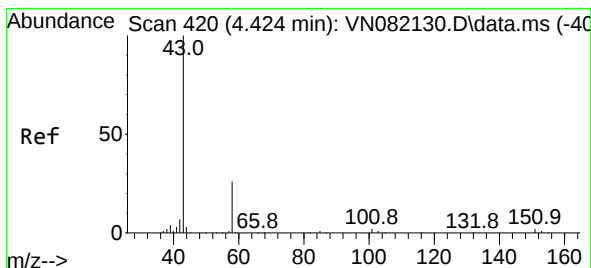
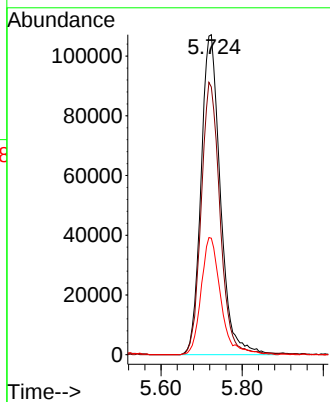
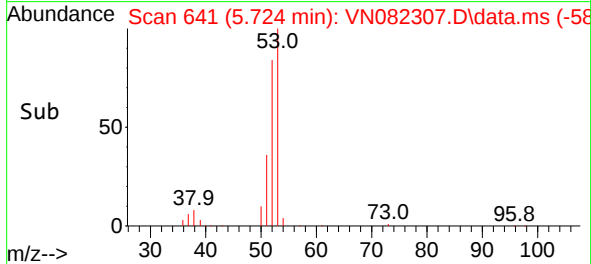
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



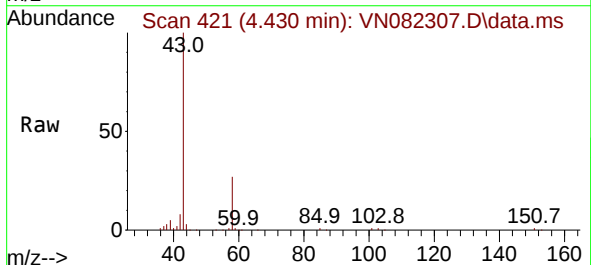
Tgt Ion: 53 Resp: 355104
Ion Ratio Lower Upper
53 100
52 82.7 66.1 99.1
51 37.1 29.4 44.2

Manual Integrations
APPROVED

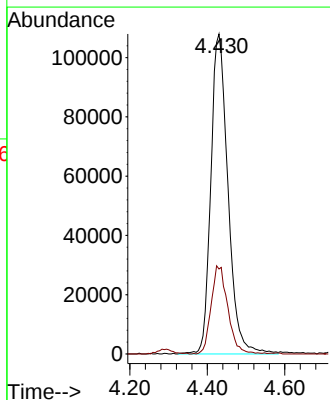
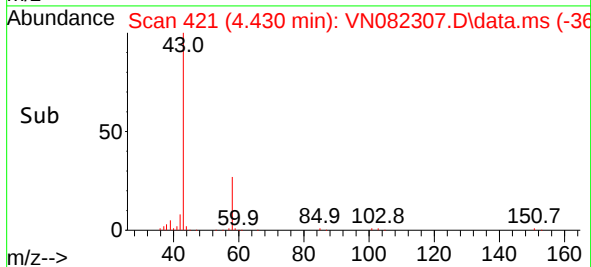
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

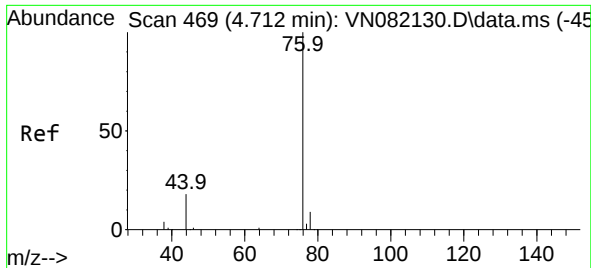


#16
Acetone
Concen: 278.045 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06



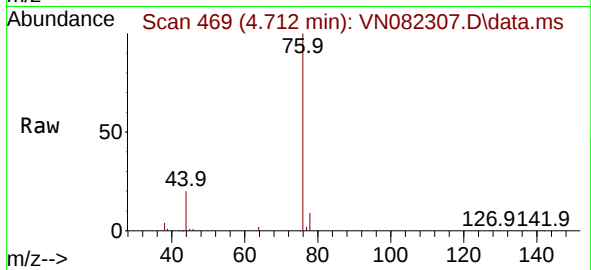
Tgt Ion: 43 Resp: 331881
Ion Ratio Lower Upper
43 100
58 26.3 25.2 37.8





#17
Carbon Disulfide
Concen: 39.676 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

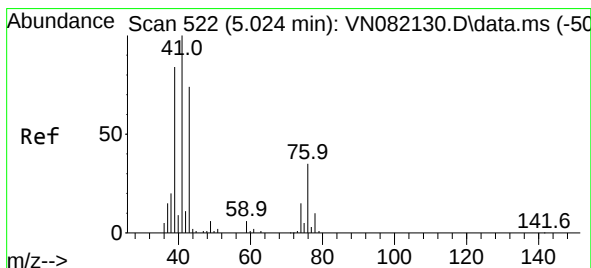
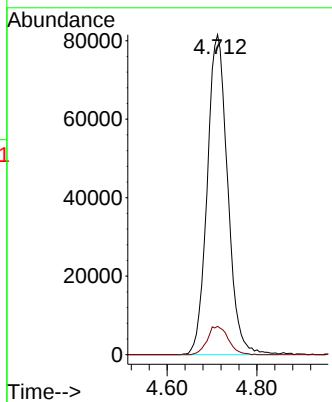
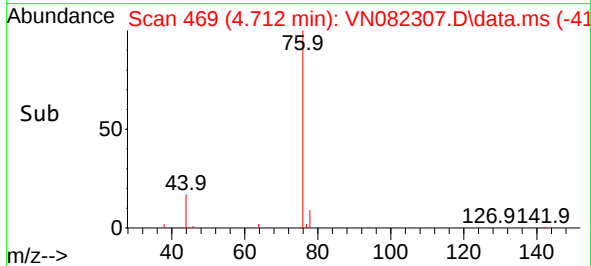
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 257889
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

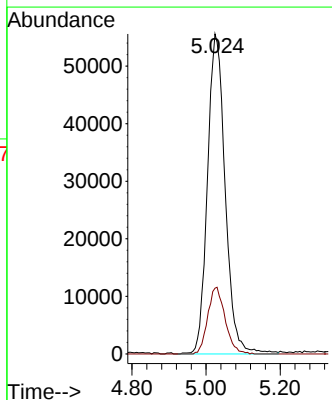
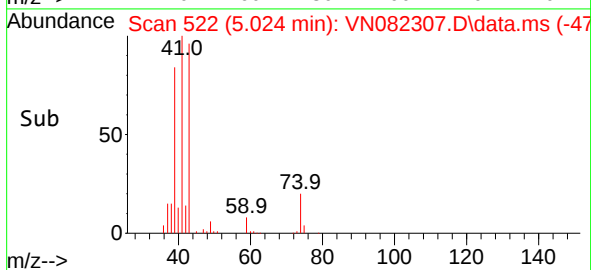
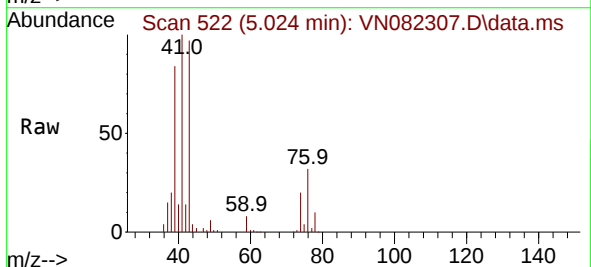
Manual Integrations
APPROVED

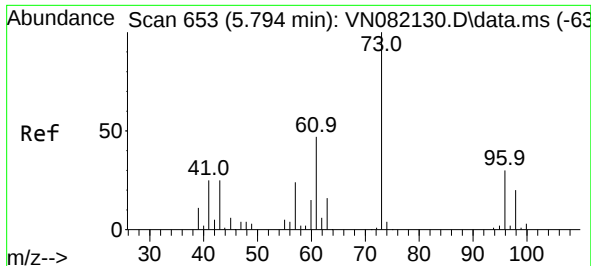
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#18
Methyl Acetate
Concen: 62.050 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Tgt Ion: 43 Resp: 184449
Ion Ratio Lower Upper
43 100
74 20.5 22.2 33.2#





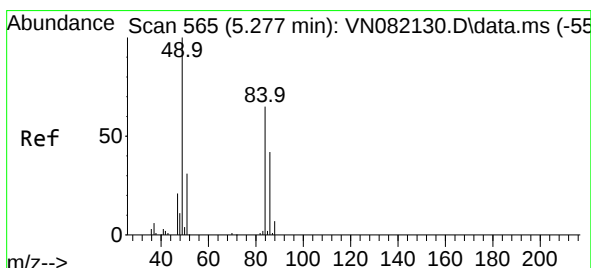
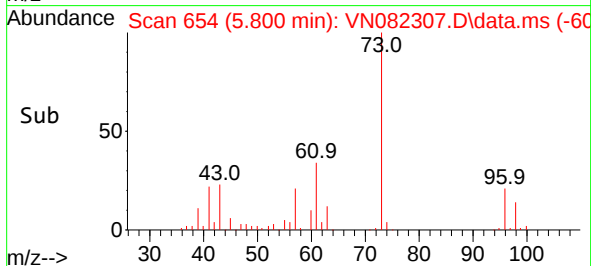
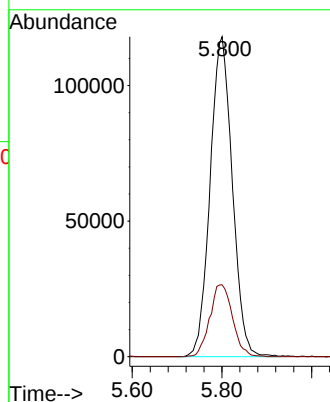
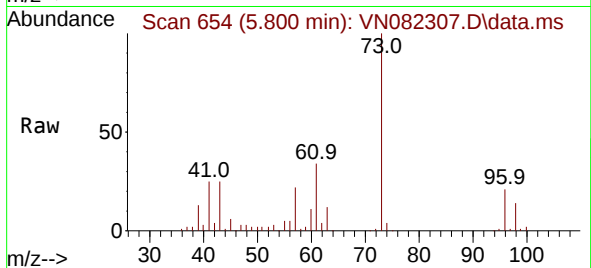
#19
Methyl tert-butyl Ether
Concen: 55.056 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 404990
Ion Ratio Lower Upper
73 100
57 22.5 16.5 24.7

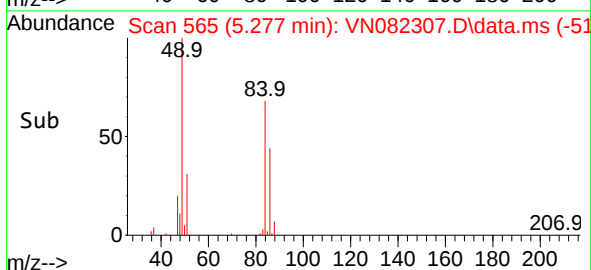
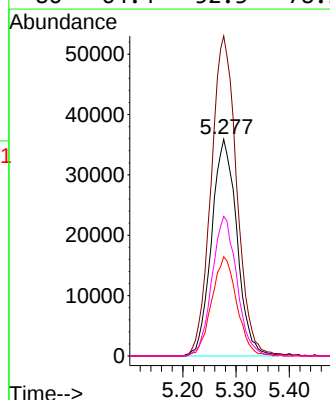
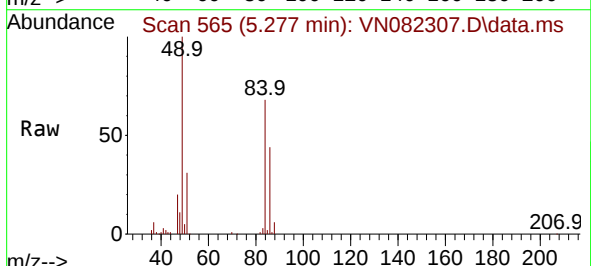
Manual Integrations
APPROVED

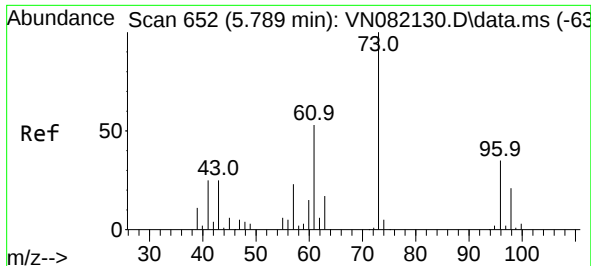
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#20
Methylene Chloride
Concen: 49.321 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

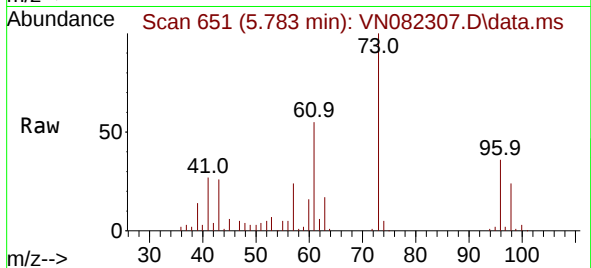
Tgt Ion: 84 Resp: 118779
Ion Ratio Lower Upper
84 100
49 147.7 84.9 127.3#
51 45.8 27.0 40.6#
86 64.4 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 46.602 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

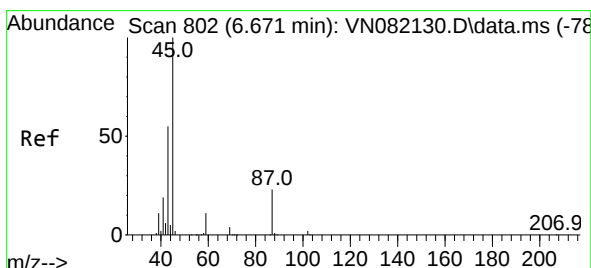
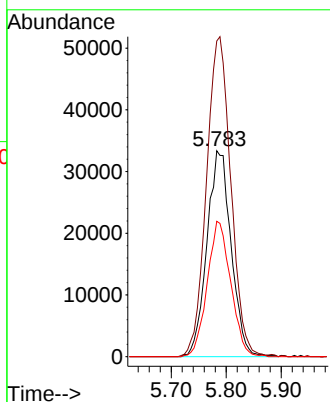
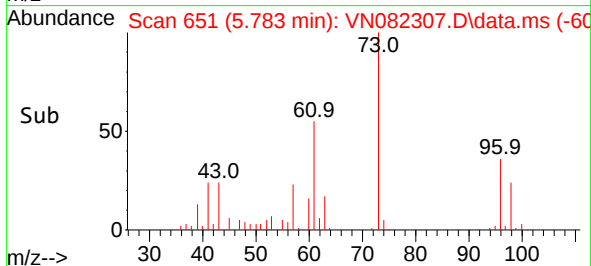
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



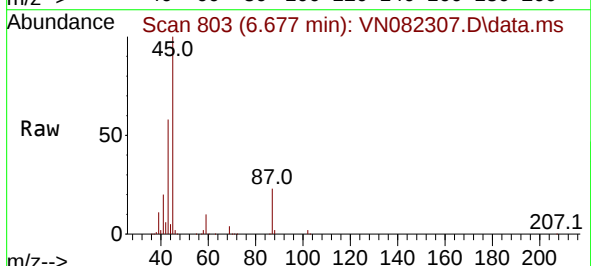
Tgt Ion: 96 Resp: 102203
Ion Ratio Lower Upper
96 100
61 153.3 96.5 144.7
98 65.8 51.3 76.9

Manual Integrations
APPROVED

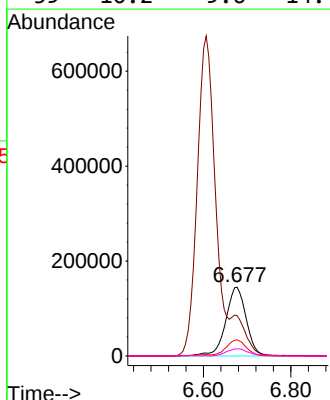
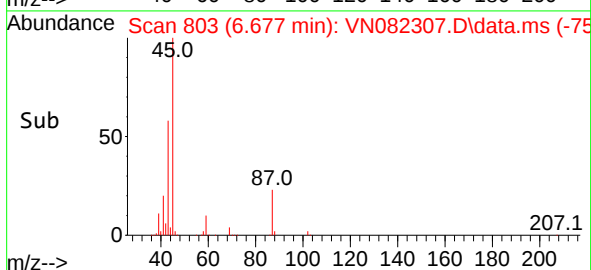
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

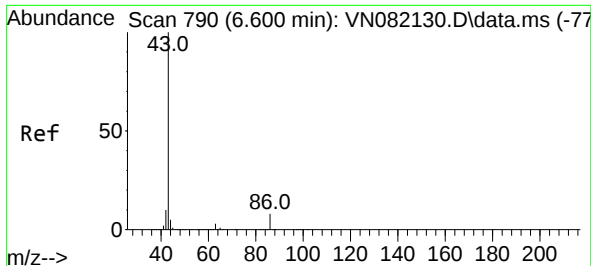


#22
Diisopropyl ether
Concen: 52.249 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06



Tgt Ion: 45 Resp: 470093
Ion Ratio Lower Upper
45 100
43 57.8 44.1 66.1
87 23.4 27.0 40.6
59 10.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 273.118 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082307.D
 Acq: 22 May 2024 21:06

Instrument :

MSVOA_N

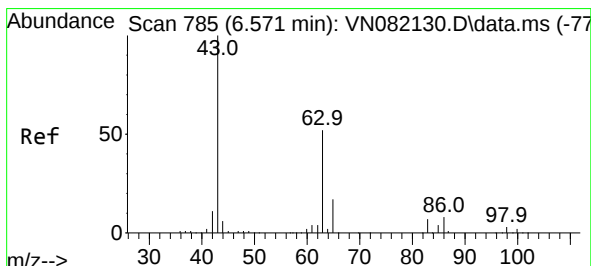
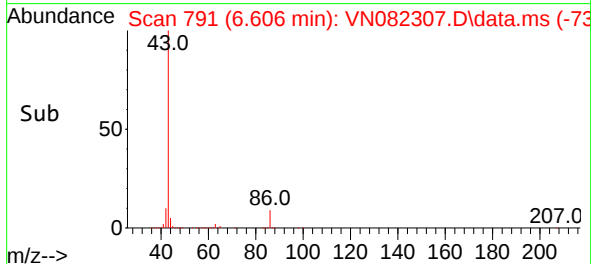
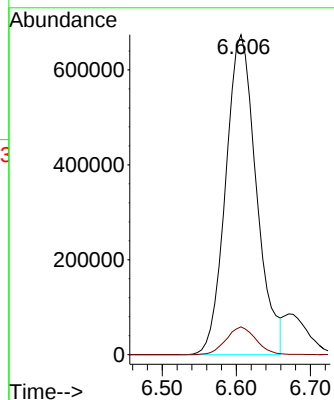
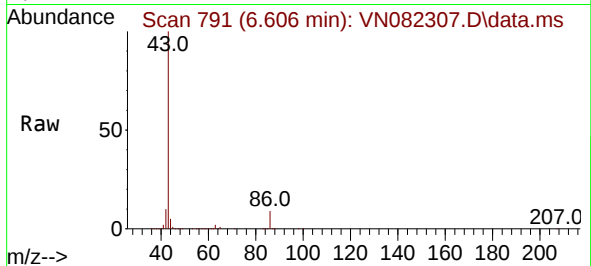
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 193740
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.2 15.4

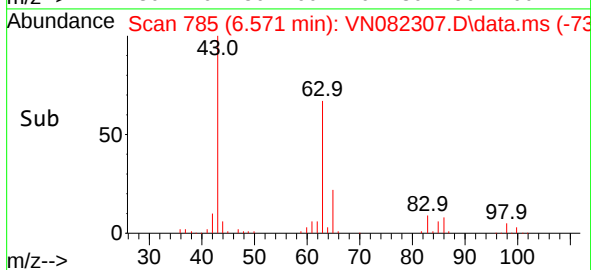
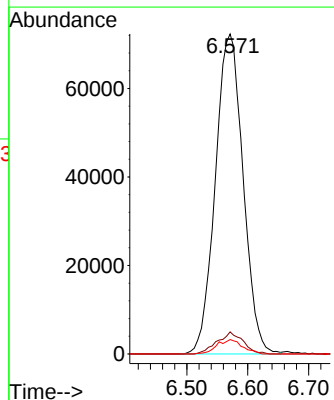
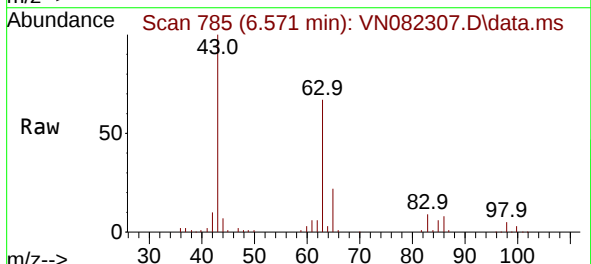
Manual Integrations
 APPROVED

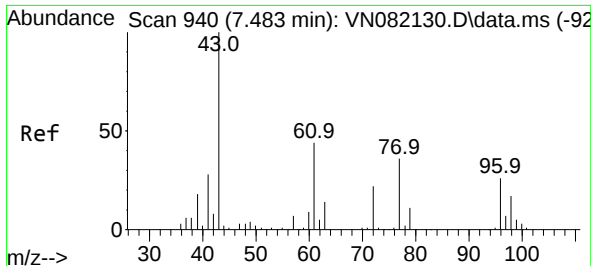
Reviewed By :John Carlone 05/23/2024
 Supervised By :Mahesh Dadoda 05/23/2024



#24
 1,1-Dichloroethane
 Concen: 49.408 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082307.D
 Acq: 22 May 2024 21:06

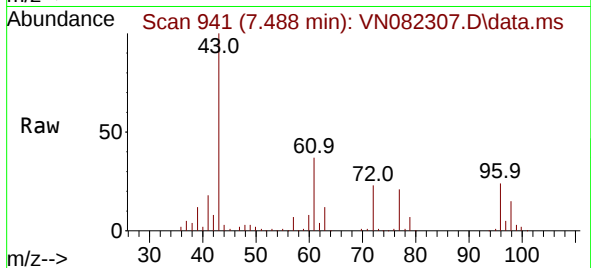
Tgt Ion: 63 Resp: 229127
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.5 2.6 7.8





#25
2-Butanone
Concen: 293.943 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

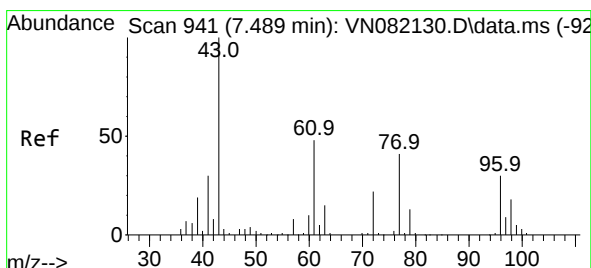
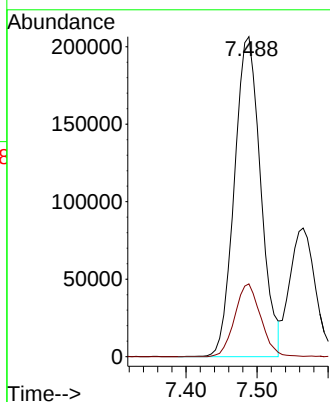
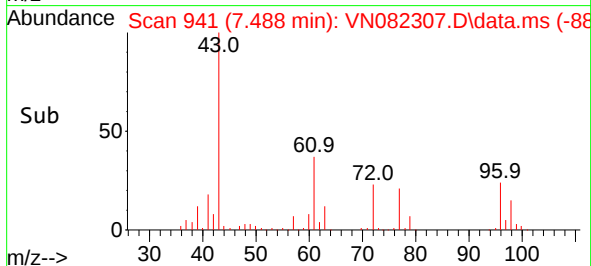
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 53195
Ion Ratio Lower Upper
43 100
72 22.7 25.3 37.9

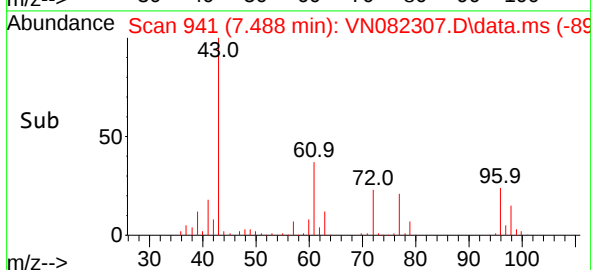
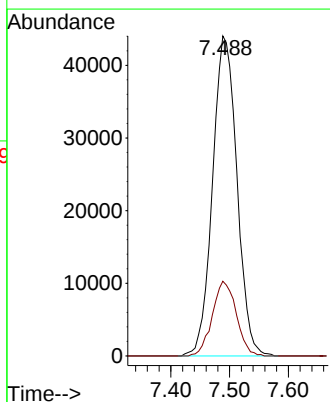
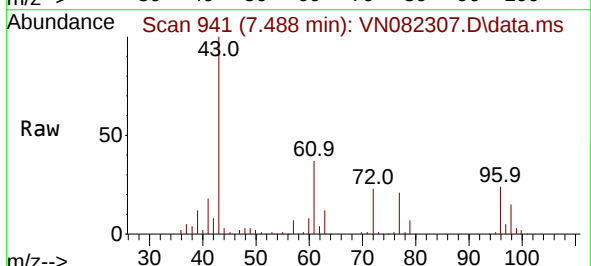
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#26
2,2-Dichloropropane
Concen: 32.664 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

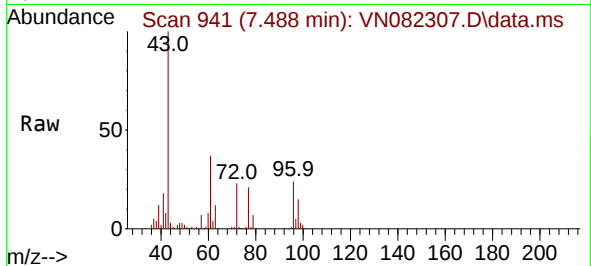
Tgt Ion: 77 Resp: 126877
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 50.169 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082307.D
 Acq: 22 May 2024 21:06

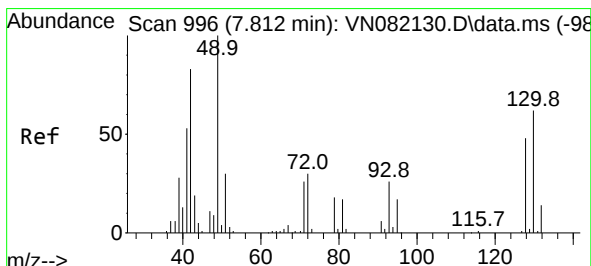
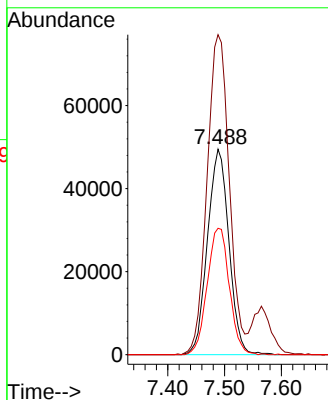
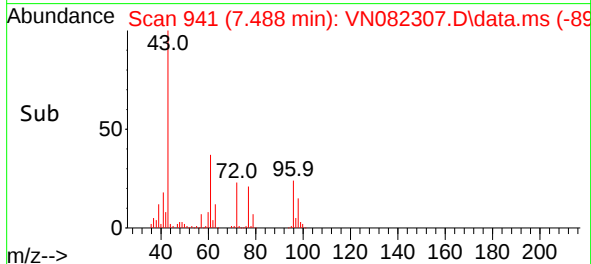
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 129848
 Ion Ratio Lower Upper
 96 100
 61 160.3 0.0 268.0
 98 63.5 0.0 126.8

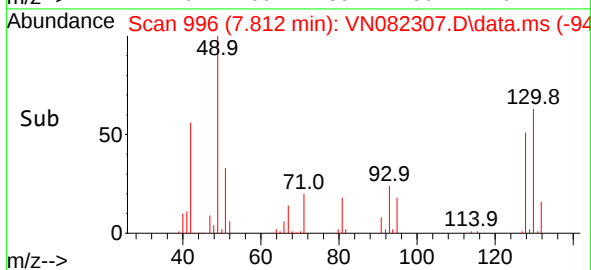
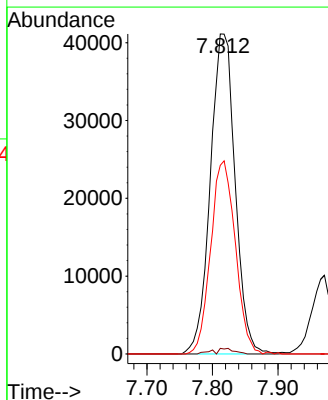
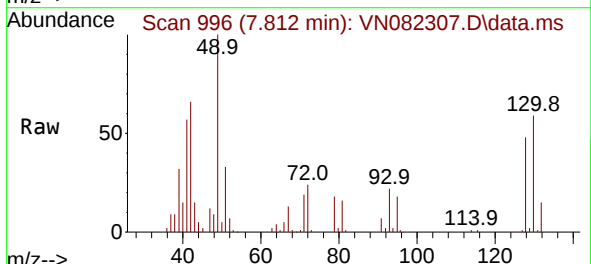
Manual Integrations
 APPROVED

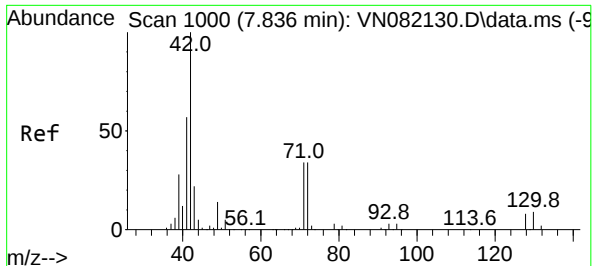
Reviewed By :John Carlone 05/23/2024
 Supervised By :Mahesh Dadoda 05/23/2024



#28
 Bromochloromethane
 Concen: 53.840 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082307.D
 Acq: 22 May 2024 21:06

Tgt Ion: 49 Resp: 108134
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.6
 130 59.8 66.7 100.1#





#29

Tetrahydrofuran

Concen: 309.431 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082307.D

Acq: 22 May 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 35954

Ion Ratio Lower Upper

42 100

72 37.0 39.3 58.9

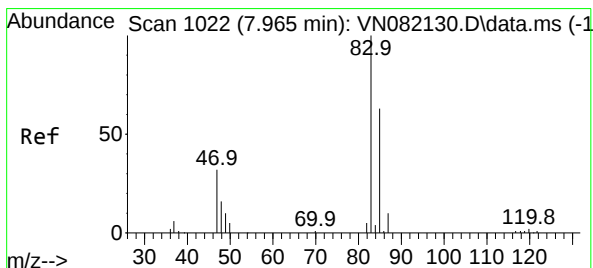
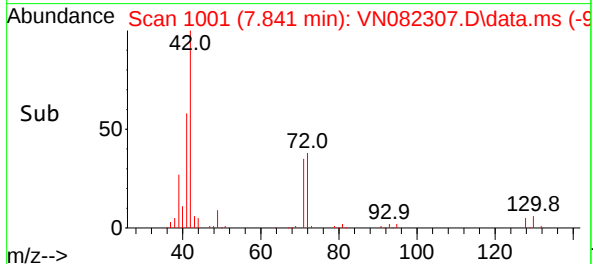
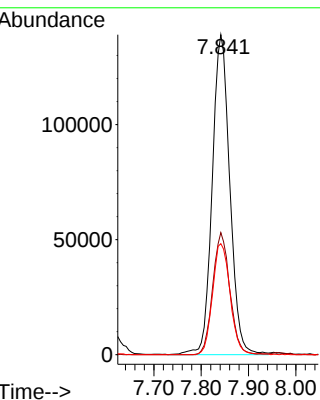
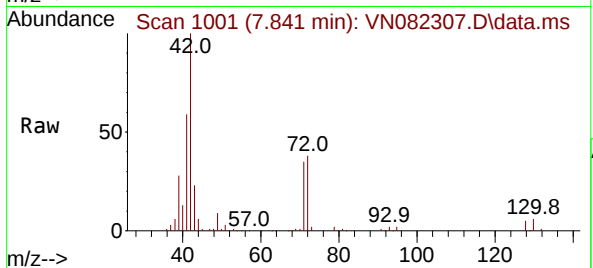
71 34.7 37.4 56.0

Manual Integrations

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Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#30

Chloroform

Concen: 51.761 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN082307.D

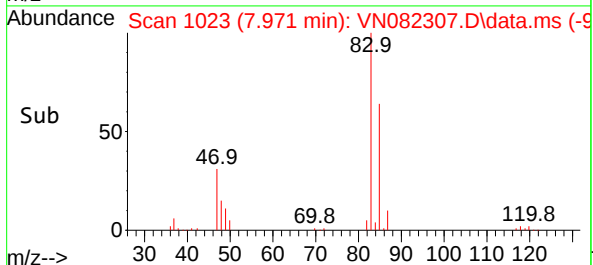
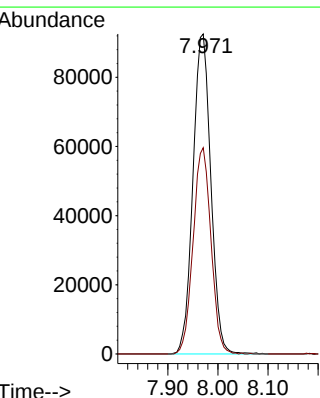
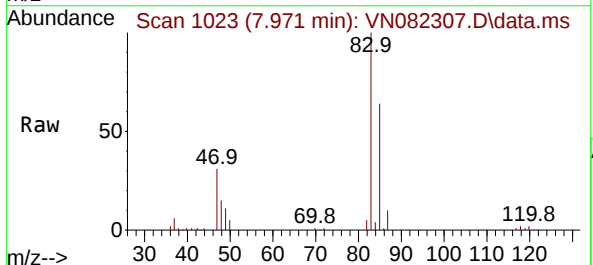
Acq: 22 May 2024 21:06

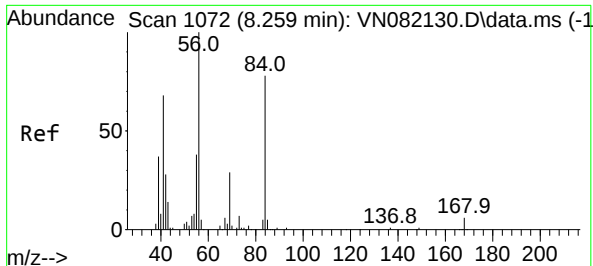
Tgt Ion: 83 Resp: 229225

Ion Ratio Lower Upper

83 100

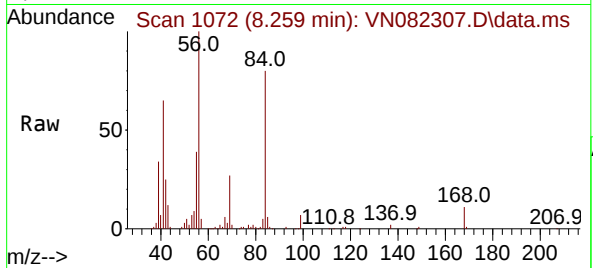
85 64.4 50.7 76.1





#31
Cyclohexane
Concen: 41.078 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

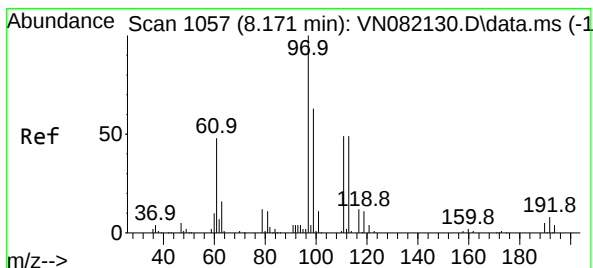
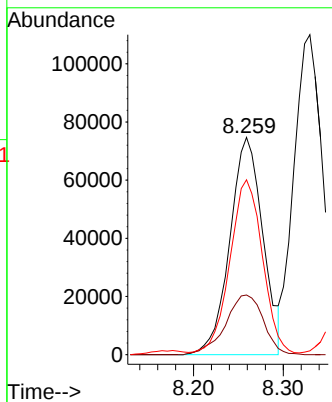
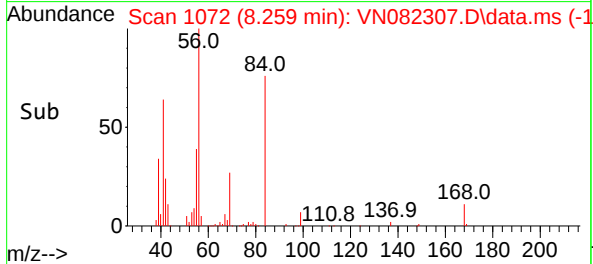
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 19090
Ion Ratio Lower Upper
56 100
69 27.0 24.4 36.6
84 78.9 77.0 115.4

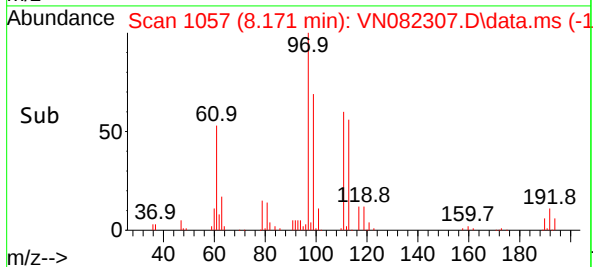
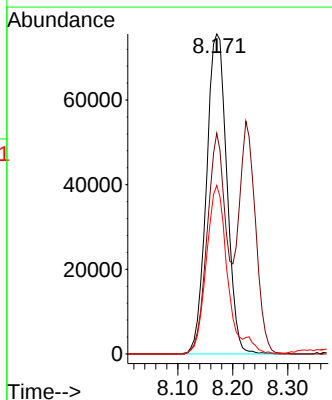
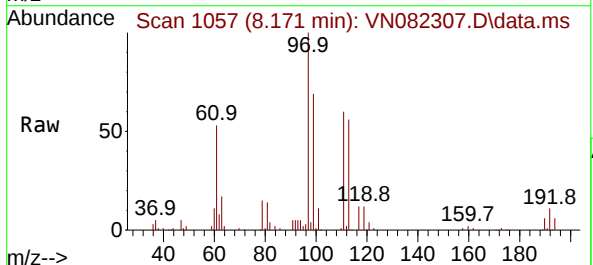
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#32
1,1,1-Trichloroethane
Concen: 49.533 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Tgt Ion: 97 Resp: 194607
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 55.4 36.6 55.0#





#33

1,2-Dichloroethane-d4

Concen: 53.461 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082307.D

Acq: 22 May 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 155558

Ion Ratio Lower Upper

65 100

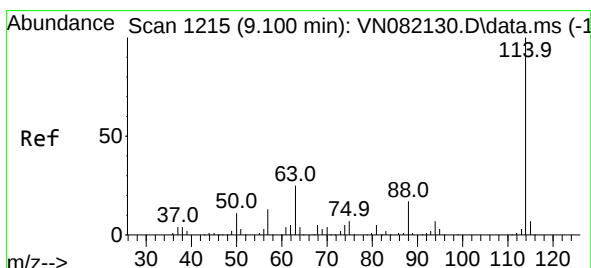
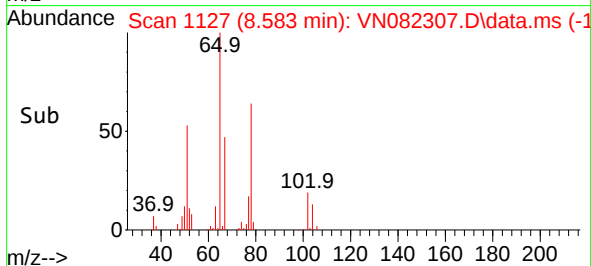
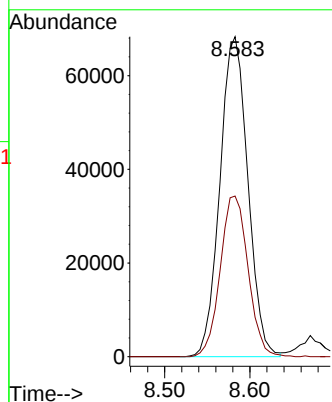
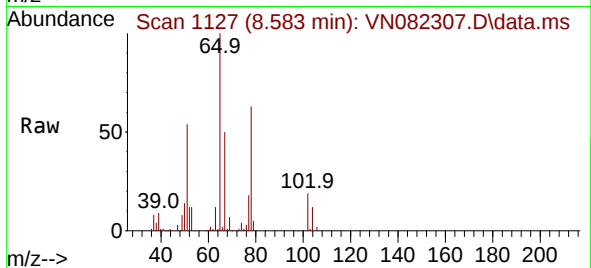
67 50.0 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082307.D

Acq: 22 May 2024 21:06

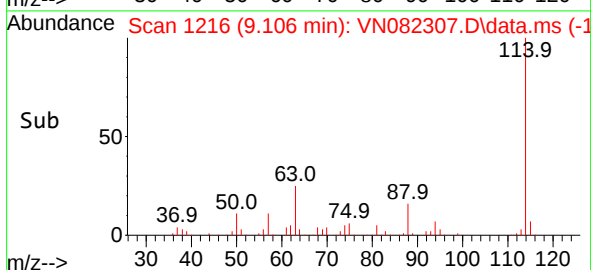
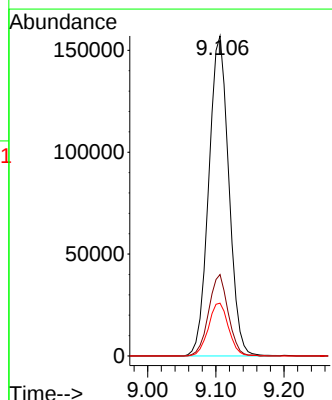
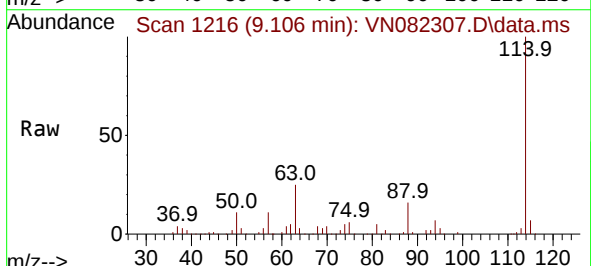
Tgt Ion:114 Resp: 320737

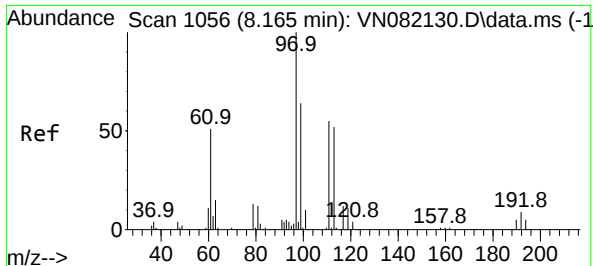
Ion Ratio Lower Upper

114 100

63 25.5 0.0 41.0

88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.385 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082307.D

Acq: 22 May 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 105330

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

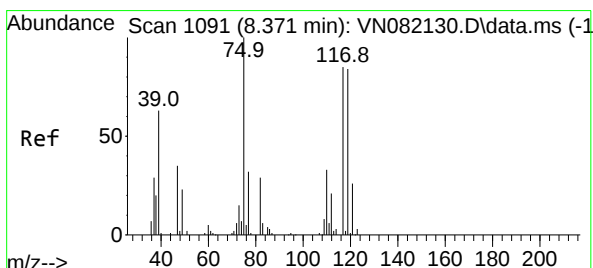
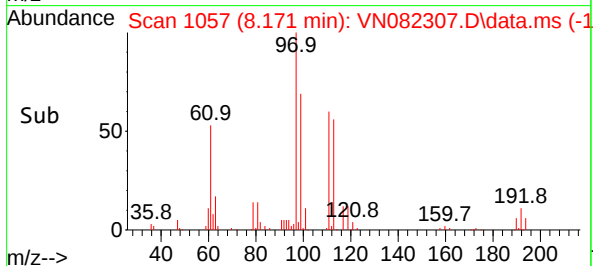
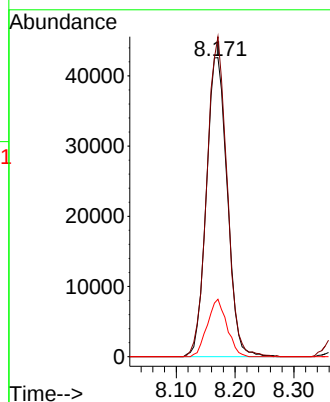
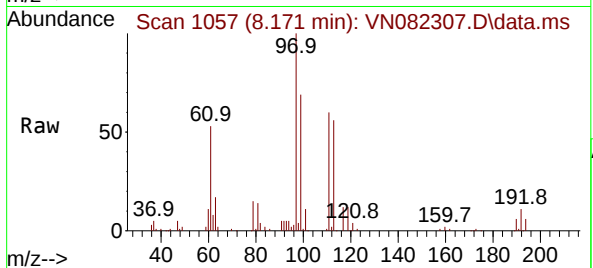
192 18.0 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#36

1,1-Dichloropropene

Concen: 45.301 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN082307.D

Acq: 22 May 2024 21:06

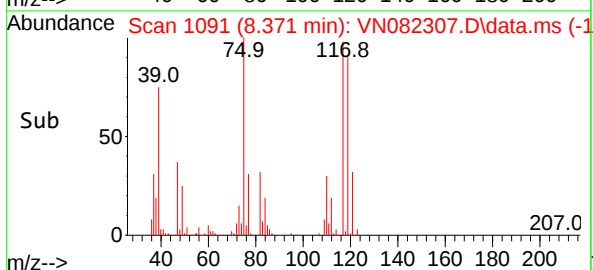
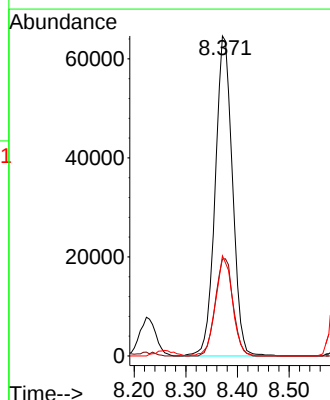
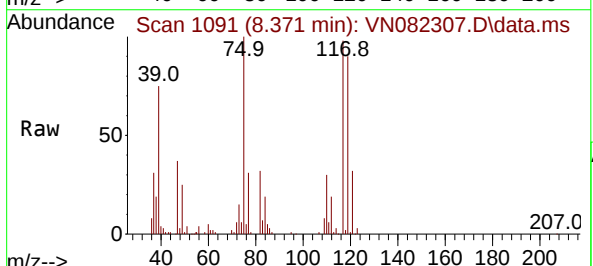
Tgt Ion: 75 Resp: 149906

Ion Ratio Lower Upper

75 100

110 31.2 17.8 53.5

77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 57.753 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN082307.D

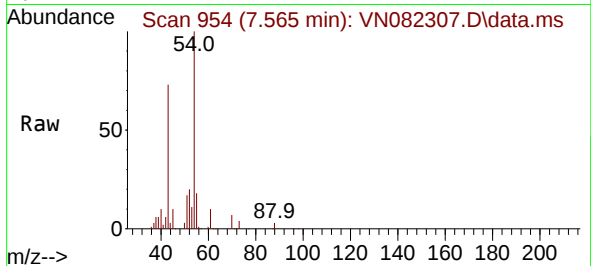
Acq: 22 May 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



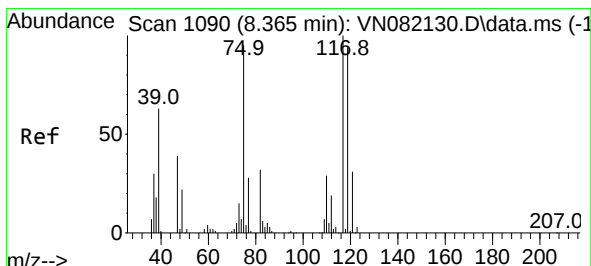
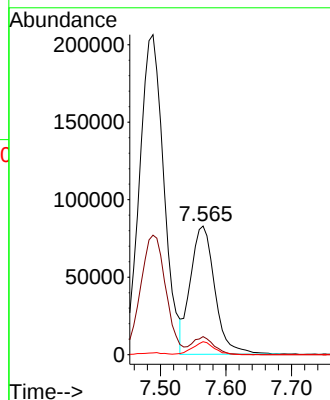
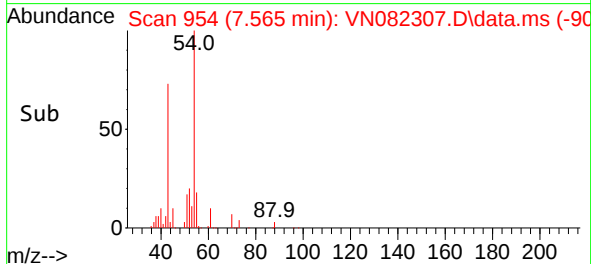
Tgt Ion:	43	Resp:	21387
Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.3	16.9
70	8.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#38

Carbon Tetrachloride

Concen: 48.557 ug/l

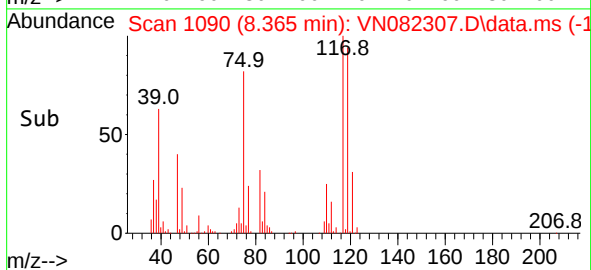
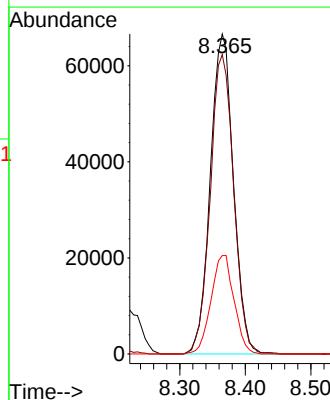
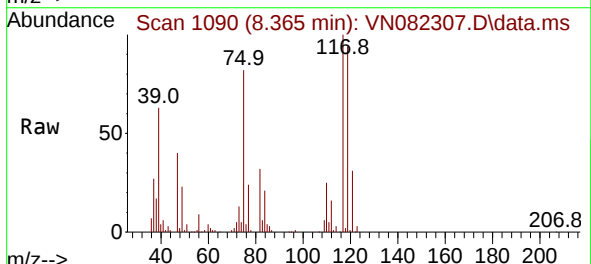
RT: 8.365 min Scan# 1090

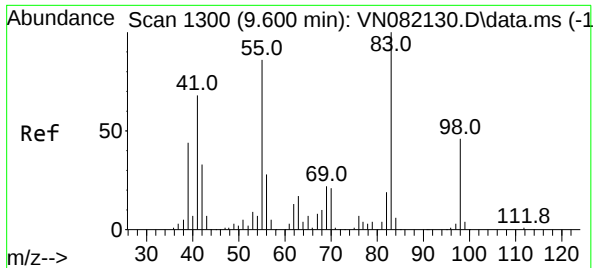
Delta R.T. -0.000 min

Lab File: VN082307.D

Acq: 22 May 2024 21:06

Tgt Ion:	117	Resp:	162881
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.5	114.7
121	30.7	23.9	35.9





#39
Methylcyclohexane
Concen: 45.102 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

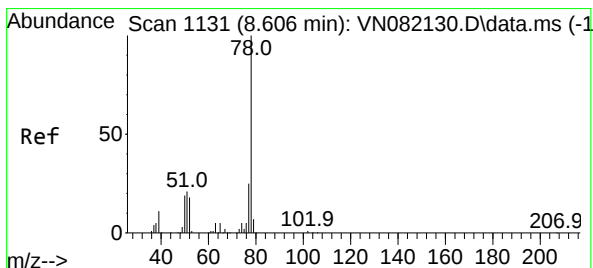
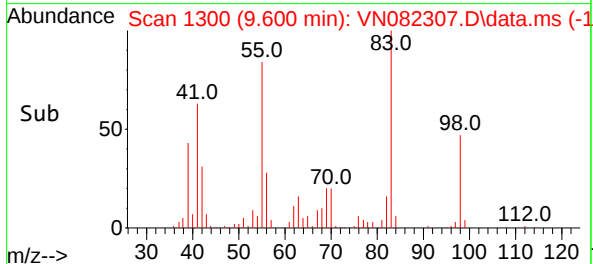
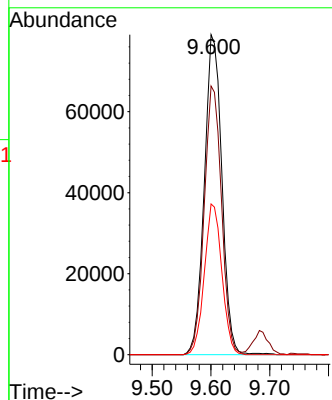
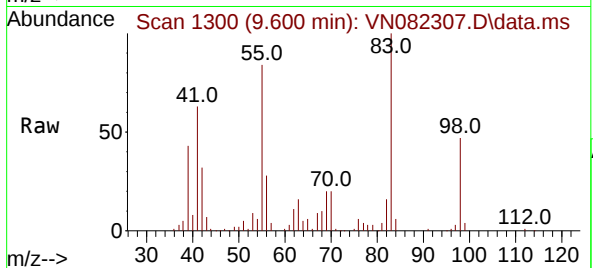
Tgt Ion: 83 Resp: 16359
Ion Ratio Lower Upper
83 100
55 84.0 53.0 79.6
98 47.1 37.1 55.7

Manual Integrations

APPROVED

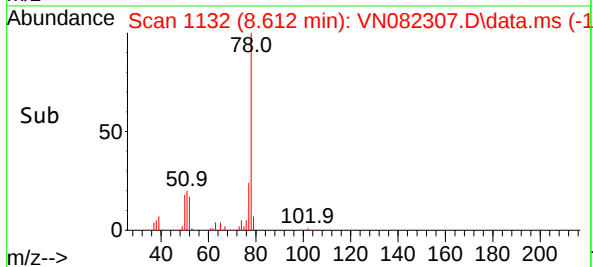
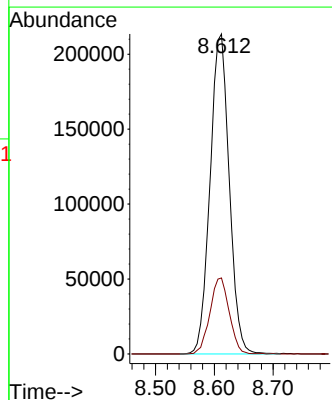
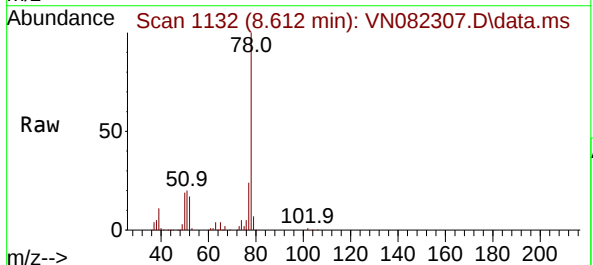
Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#40
Benzene
Concen: 48.988 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Tgt Ion: 78 Resp: 483402
Ion Ratio Lower Upper
78 100
77 23.8 20.0 30.0





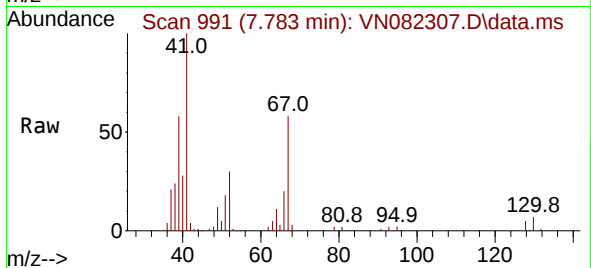
#41
Methacrylonitrile
Concen: 58.659 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



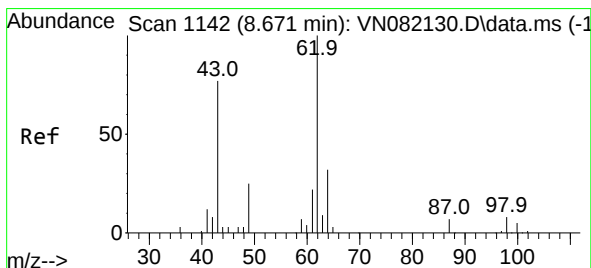
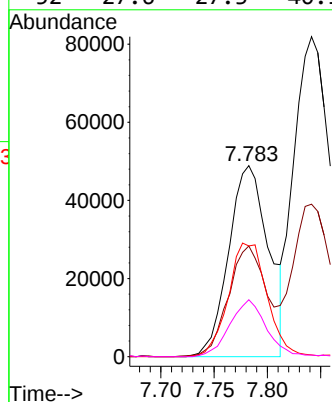
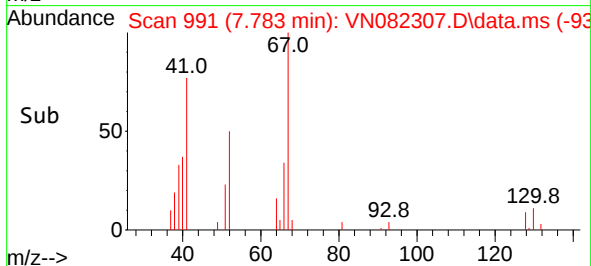
Tgt Ion: 41 Resp: 127750
Ion Ratio Lower Upper
41 100
39 53.7 46.6 69.8
67 57.7 67.3 100.9
52 27.6 27.3 40.9

Manual Integrations

APPROVED

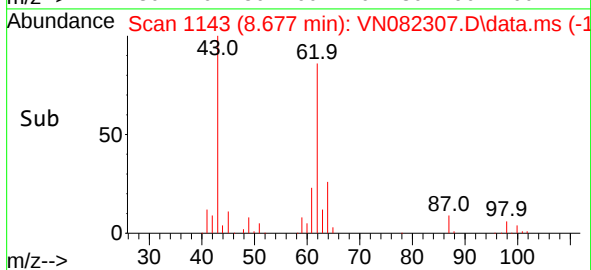
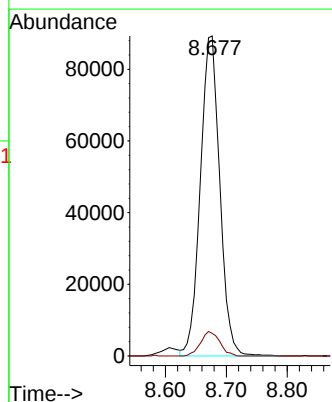
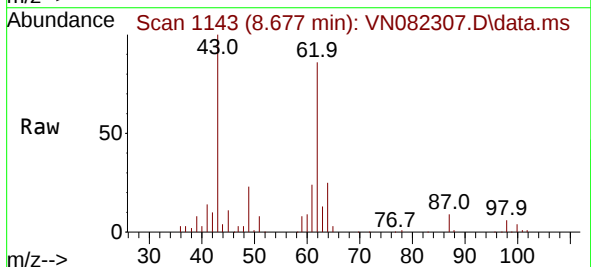
Reviewed By :John Carlone 05/23/2024

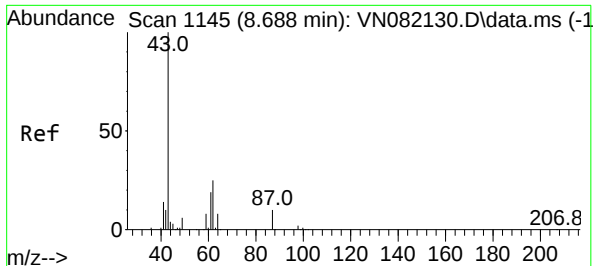
Supervised By :Mahesh Dadoda 05/23/2024



#42
1,2-Dichloroethane
Concen: 52.245 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

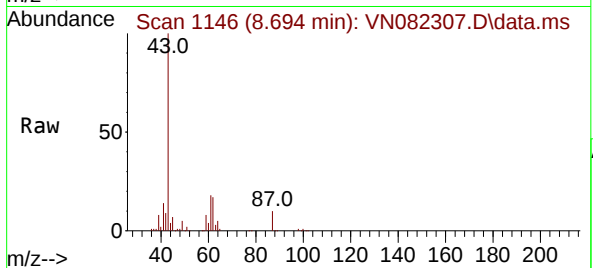
Tgt Ion: 62 Resp: 198275
Ion Ratio Lower Upper
62 100
98 7.5 0.0 19.6





#43
Isopropyl Acetate
Concen: 69.235 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

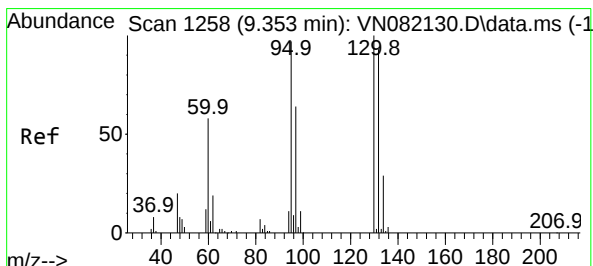
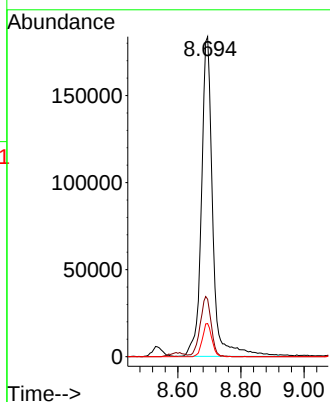
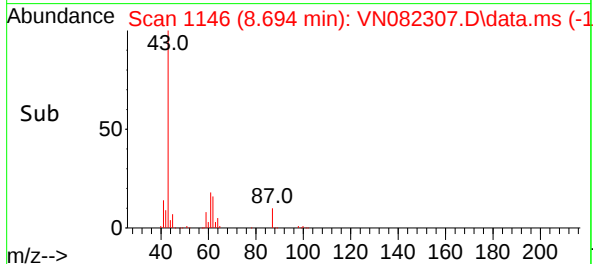
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 454310
Ion Ratio Lower Upper
43 100
61 18.4 22.8 34.2
87 8.8 12.0 18.0

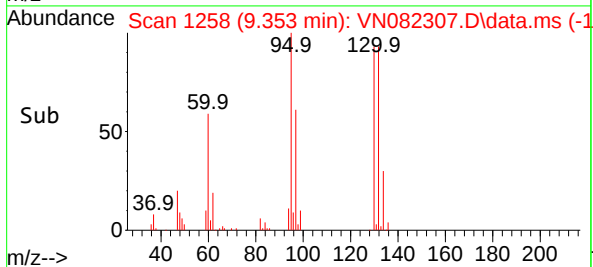
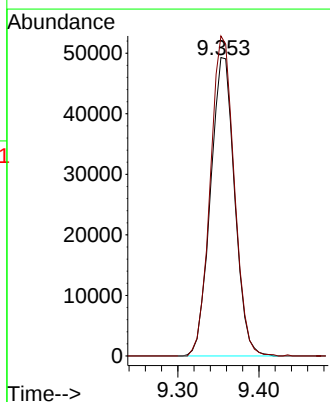
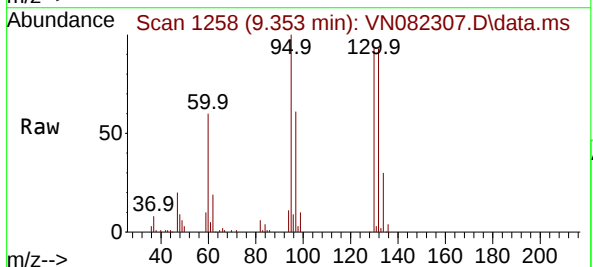
Manual Integrations
APPROVED

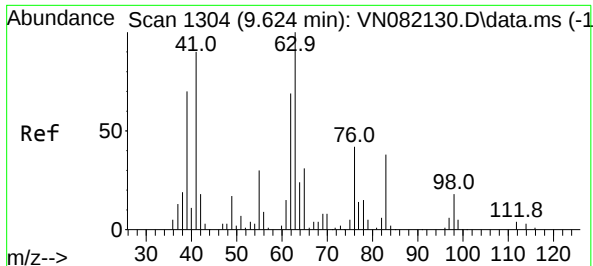
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#44
Trichloroethene
Concen: 45.359 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Tgt Ion:130 Resp: 101673
Ion Ratio Lower Upper
130 100
95 107.3 0.0 195.4





#45

1,2-Dichloropropane

Concen: 50.215 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082307.D

Acq: 22 May 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 12784

Ion Ratio Lower Upper

63 100

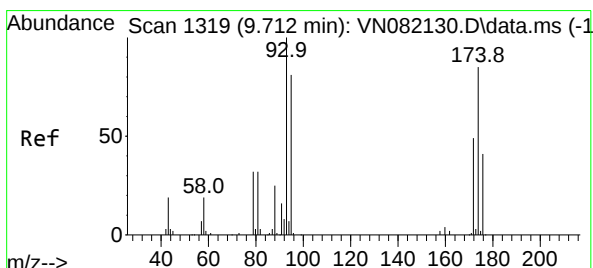
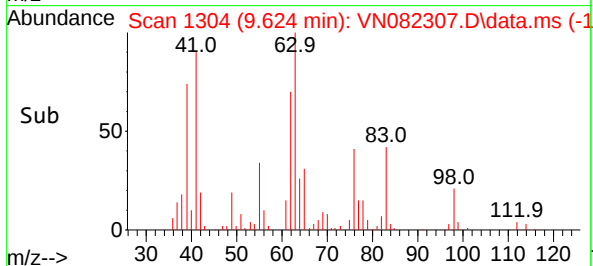
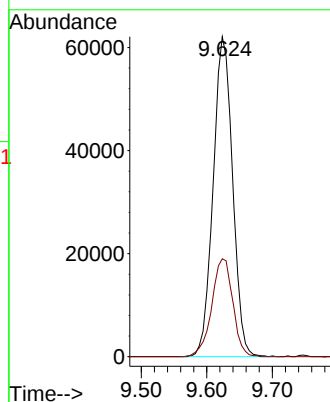
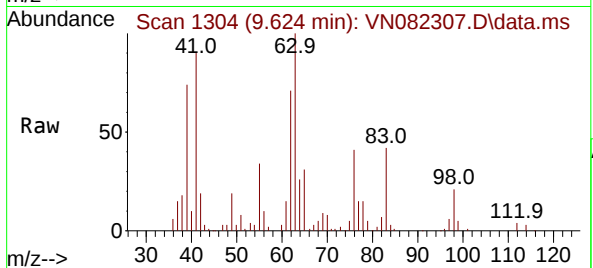
65 30.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#46

Dibromomethane

Concen: 52.673 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082307.D

Acq: 22 May 2024 21:06

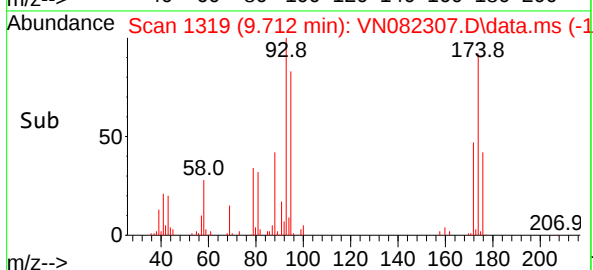
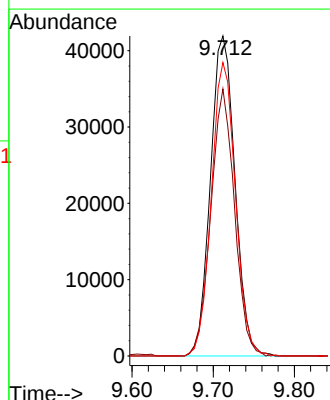
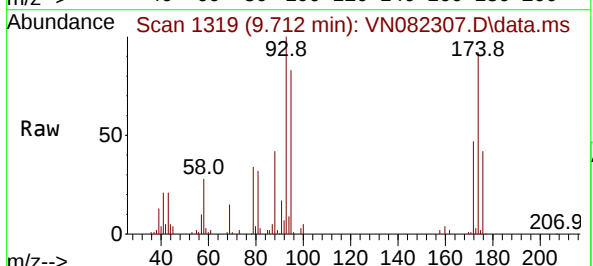
Tgt Ion: 93 Resp: 88044

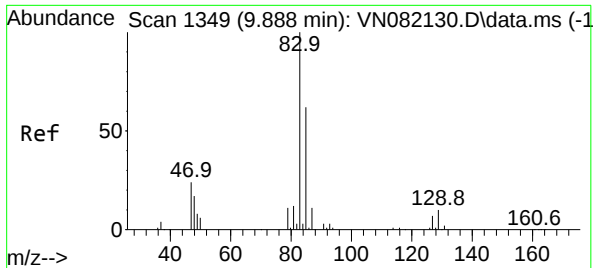
Ion Ratio Lower Upper

93 100

95 80.4 64.8 97.2

174 90.0 73.4 110.0





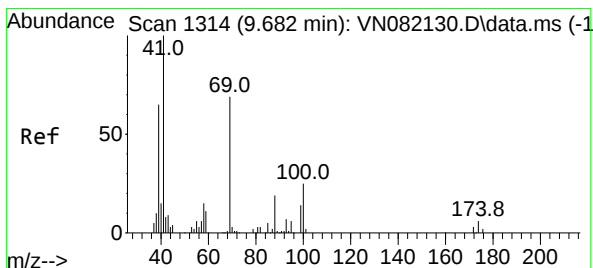
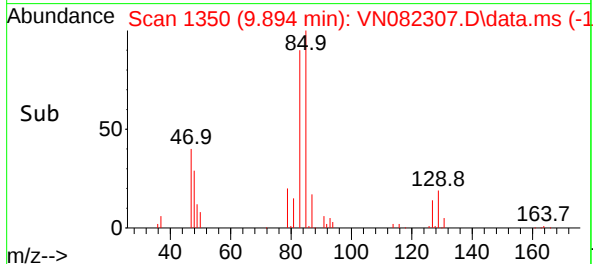
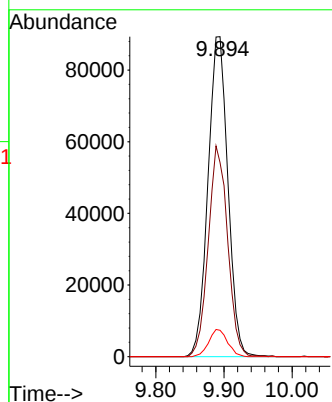
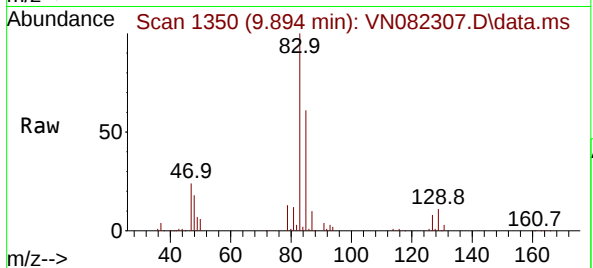
#47
Bromodichloromethane
Concen: 51.429 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 181479
Ion Ratio Lower Upper
83 100
85 60.6 51.9 77.9
127 8.3 7.5 11.3

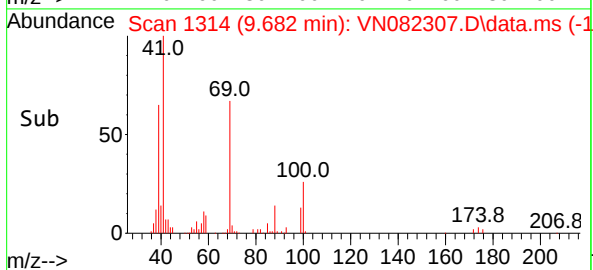
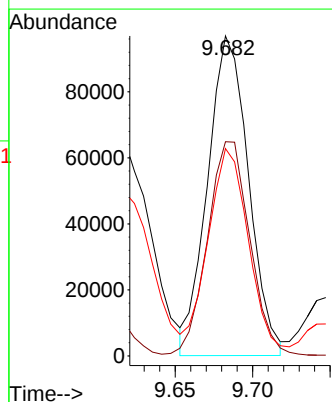
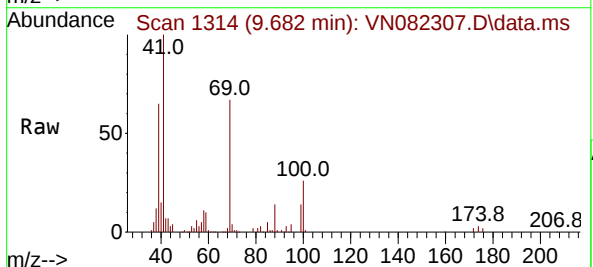
Manual Integrations
APPROVED

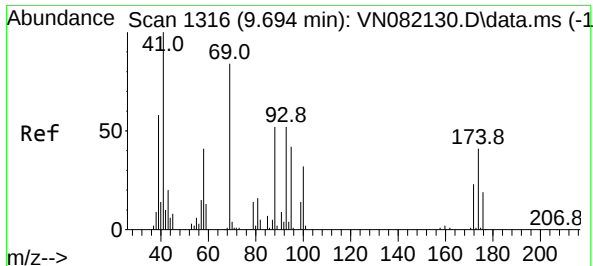
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#48
Methyl methacrylate
Concen: 56.884 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

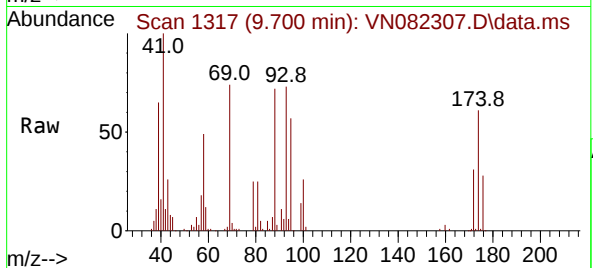
Tgt Ion: 41 Resp: 177862
Ion Ratio Lower Upper
41 100
69 69.8 77.9 116.9#
39 65.3 50.9 76.3





#49
1,4-Dioxane
Concen: 1322.393 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

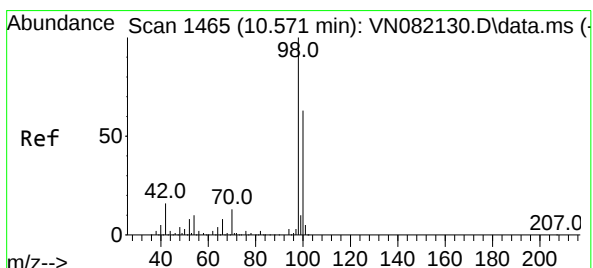
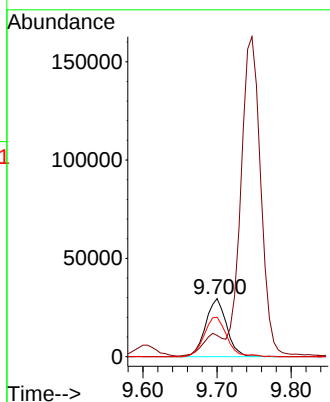
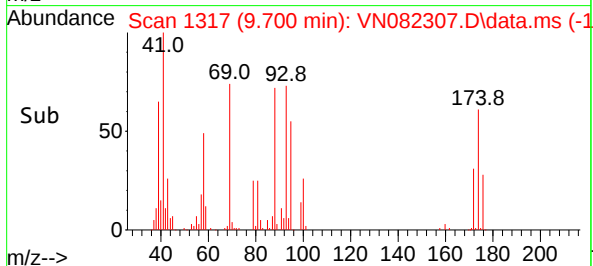
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 57940
Ion Ratio Lower Upper
88 100
43 39.1 19.0 28.6
58 73.9 50.6 76.0

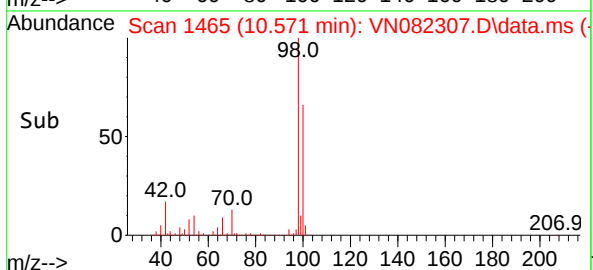
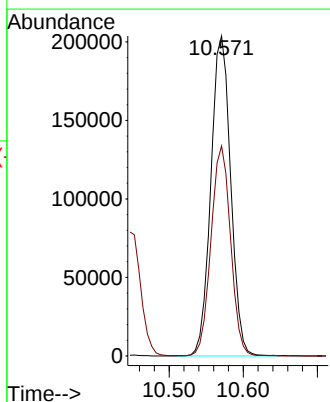
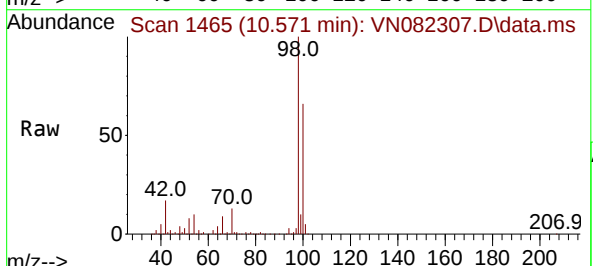
Manual Integrations
APPROVED

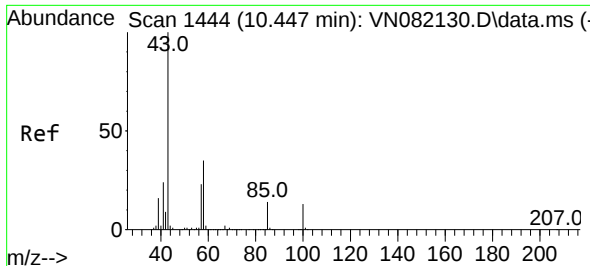
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#50
Toluene-d8
Concen: 49.952 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Tgt Ion: 98 Resp: 377855
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6





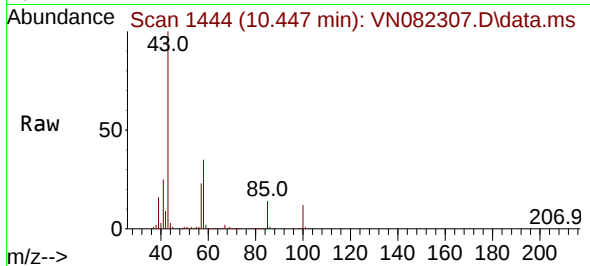
#51
4-Methyl-2-Pentanone
Concen: 305.267 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



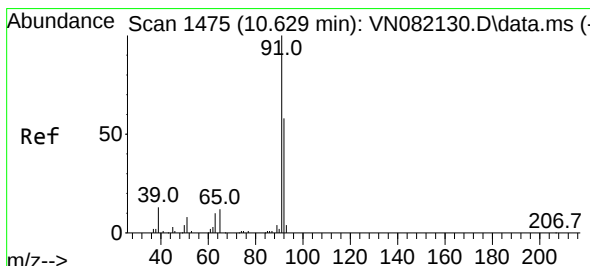
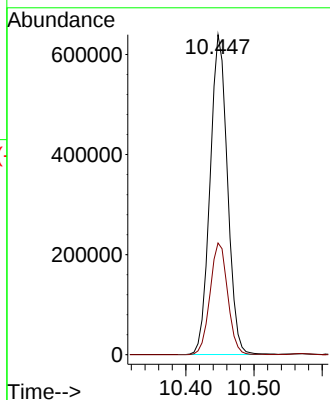
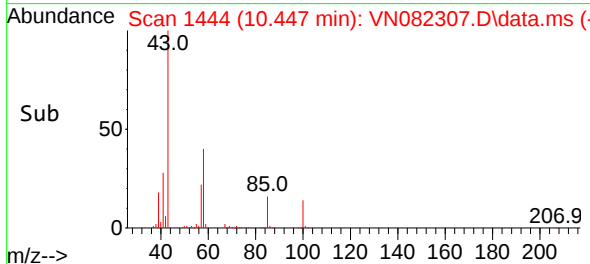
Tgt Ion: 43 Resp: 113812
Ion Ratio Lower Upper
43 100
58 35.3 33.2 49.8

Manual Integrations

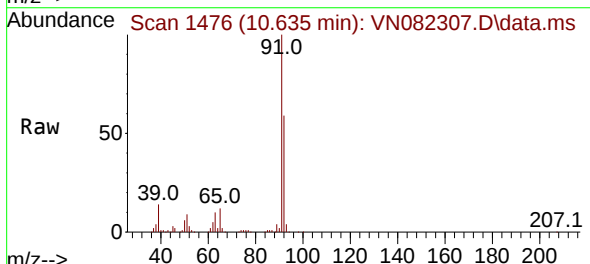
APPROVED

Reviewed By :John Carlone 05/23/2024

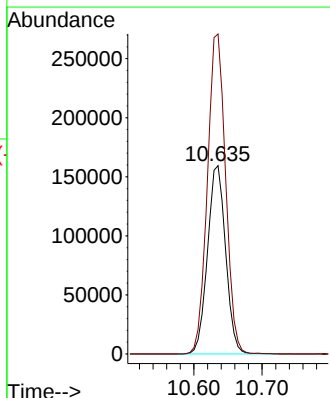
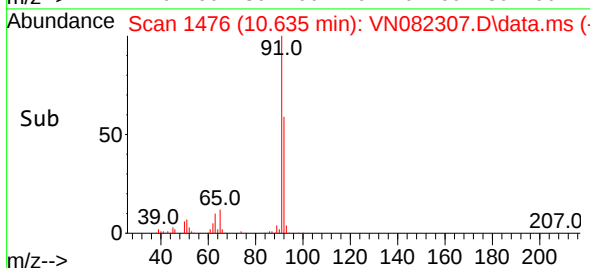
Supervised By :Mahesh Dadoda 05/23/2024

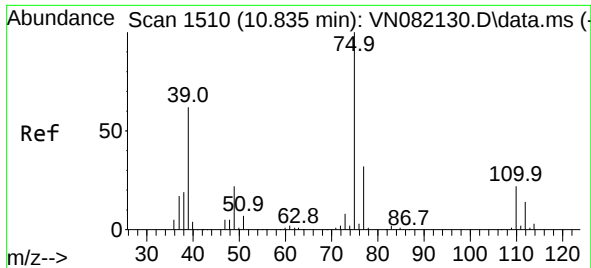


#52
Toluene
Concen: 49.749 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06



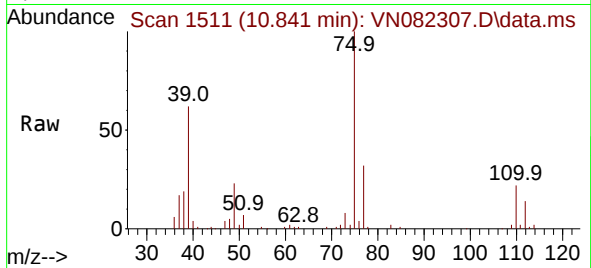
Tgt Ion: 92 Resp: 294595
Ion Ratio Lower Upper
92 100
91 171.1 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 49.846 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

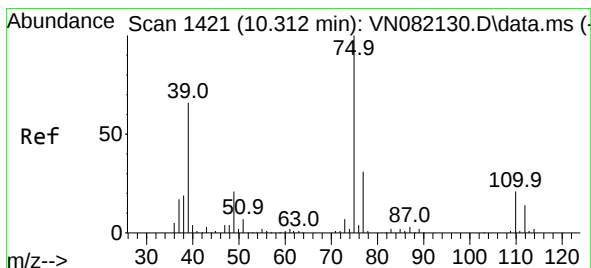
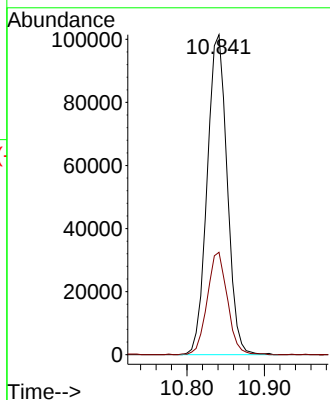
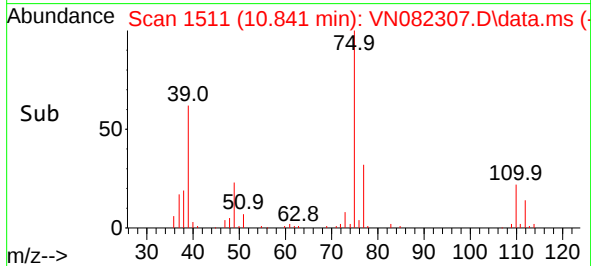
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 181915
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

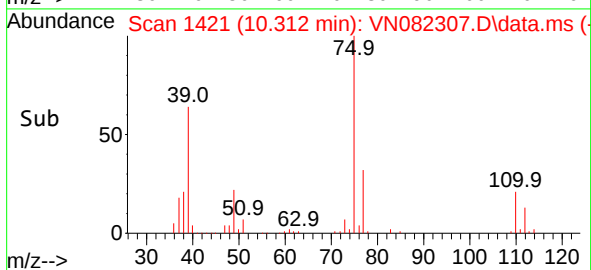
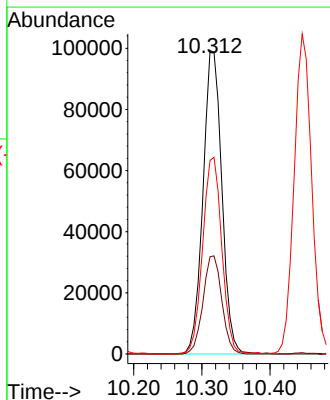
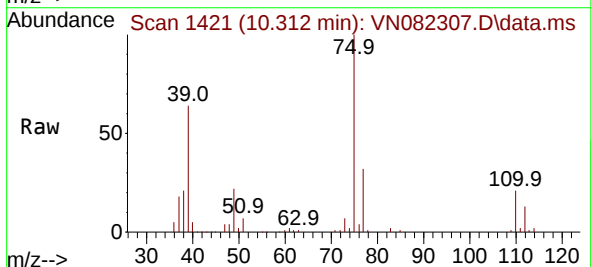
Manual Integrations
APPROVED

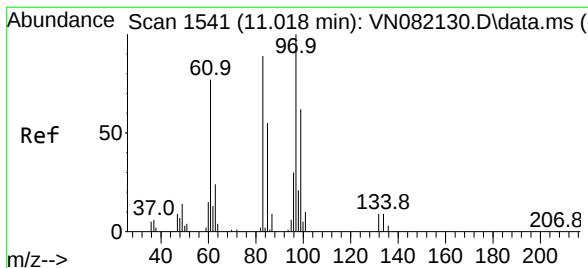
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#54
cis-1,3-Dichloropropene
Concen: 49.307 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

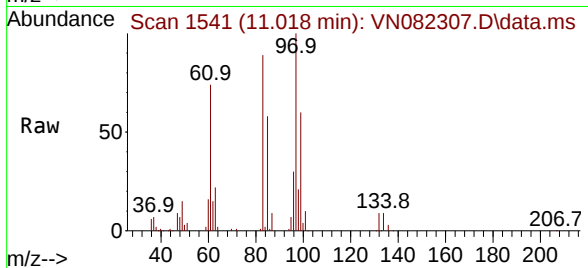
Tgt Ion: 75 Resp: 190474
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4
39 63.2 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 53.273 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

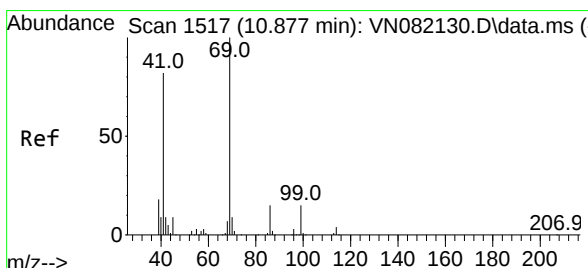
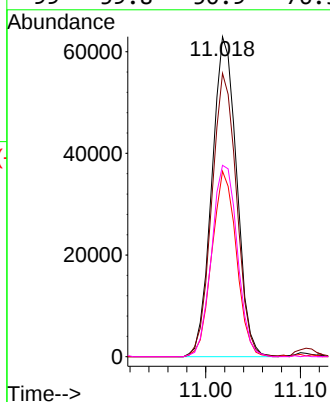
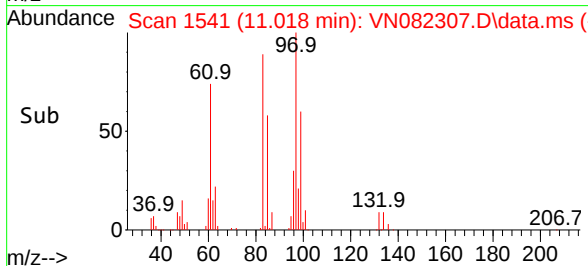
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



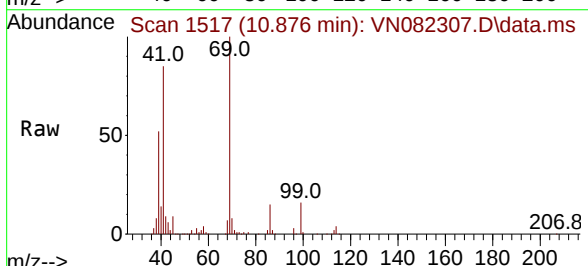
Tgt Ion:	97	Resp:	11464
Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.4	105.6
85	57.9	45.6	68.4
99	59.8	50.9	76.3

Manual Integrations
APPROVED

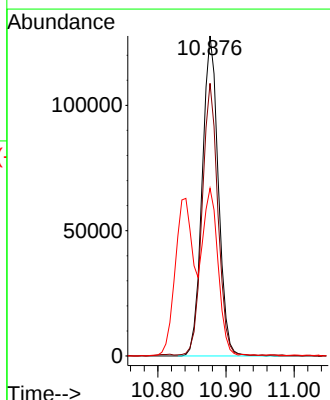
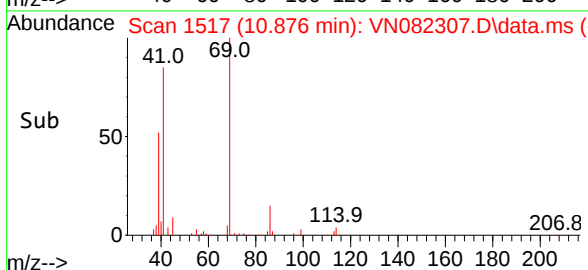
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

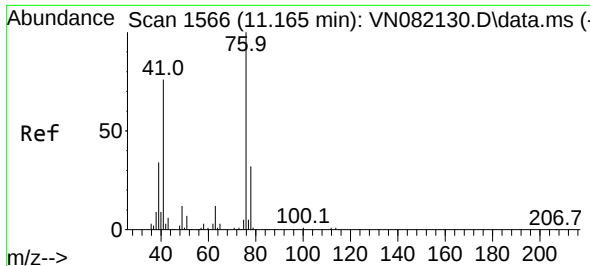


#56
Ethyl methacrylate
Concen: 57.490 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06



Tgt Ion:	69	Resp:	210044
Ion	Ratio	Lower	Upper
69	100		
41	82.9	46.6	70.0#
39	49.4	26.5	39.7#





#57

1,3-Dichloropropane

Concen: 52.298 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082307.D

Acq: 22 May 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 21042

Ion Ratio Lower Upper

76 100

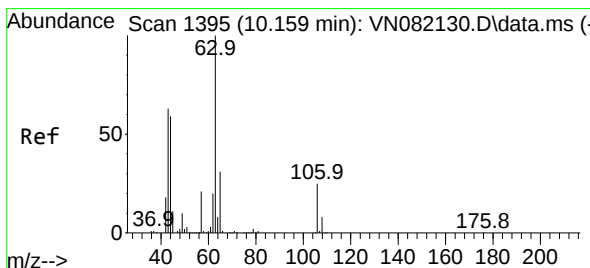
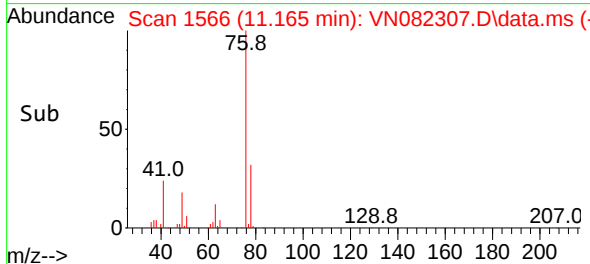
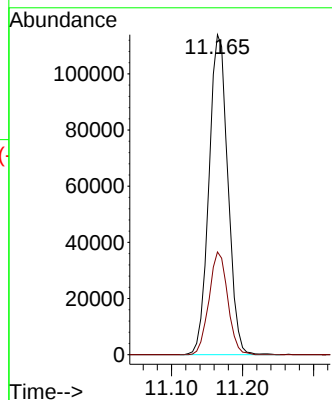
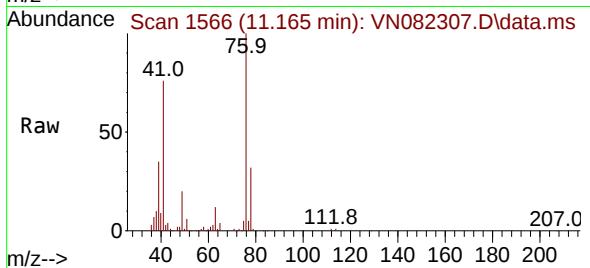
78 31.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 282.651 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN082307.D

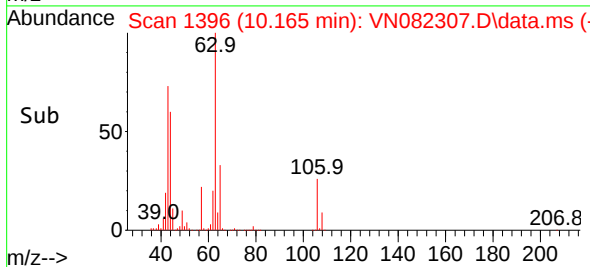
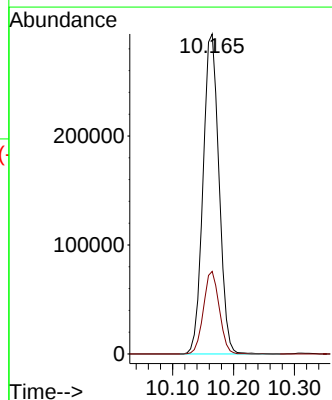
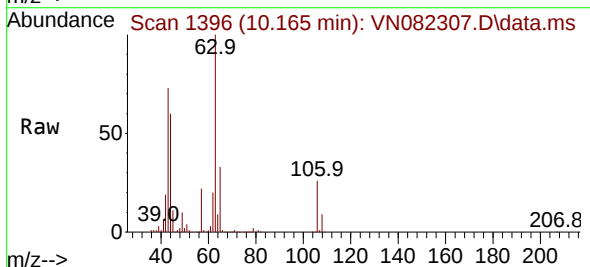
Acq: 22 May 2024 21:06

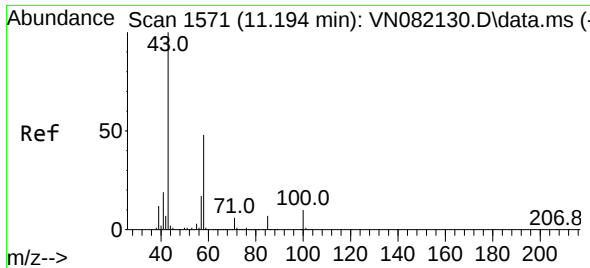
Tgt Ion: 63 Resp: 532665

Ion Ratio Lower Upper

63 100

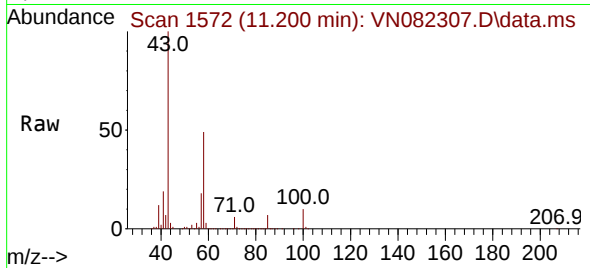
106 25.6 24.6 36.8





#59
2-Hexanone
Concen: 315.181 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

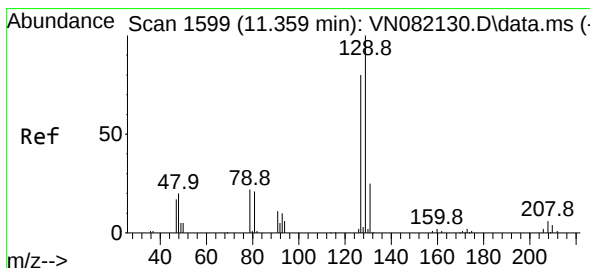
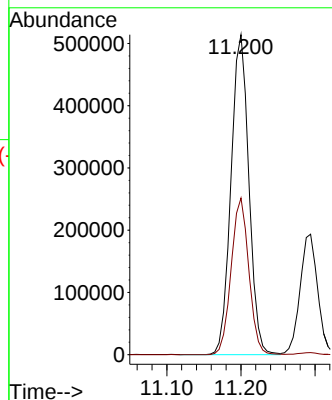
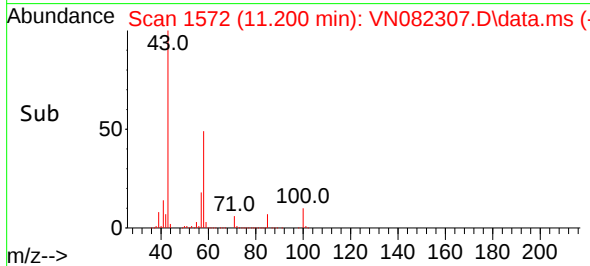
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 860404
Ion Ratio Lower Upper
43 100
58 48.4 28.3 84.9

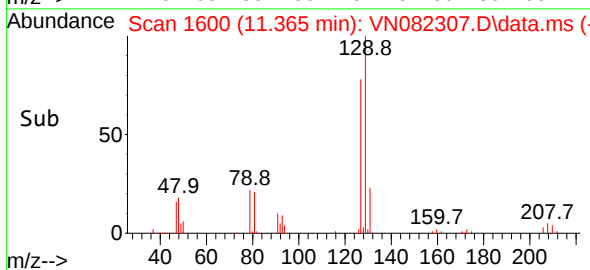
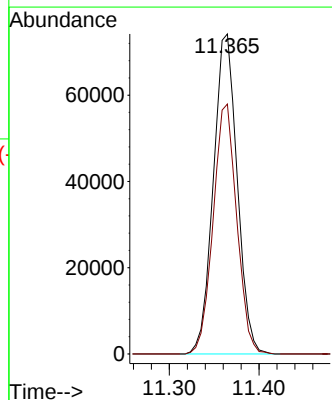
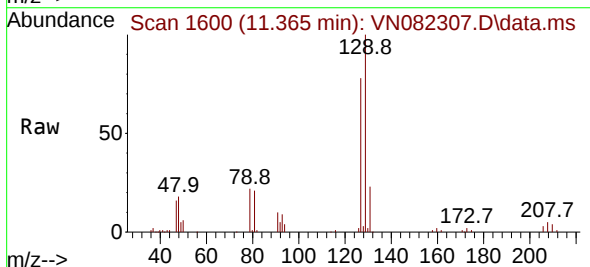
Manual Integrations
APPROVED

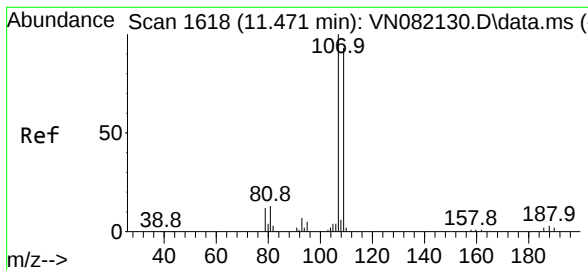
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#60
Dibromochloromethane
Concen: 57.650 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

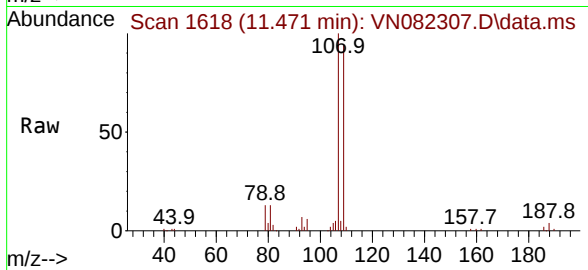
Tgt Ion:129 Resp: 136909
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8





#61
1,2-Dibromoethane
Concen: 53.662 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

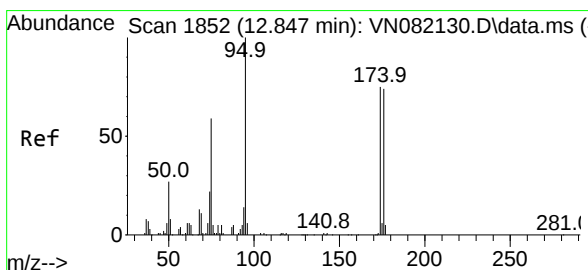
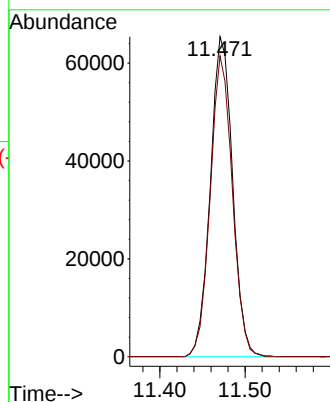
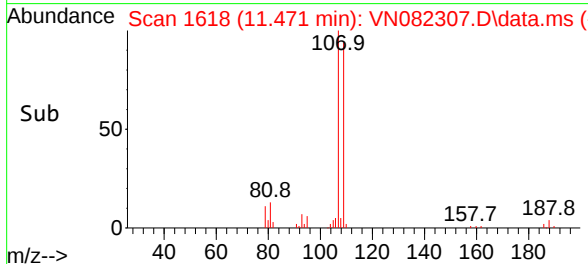
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



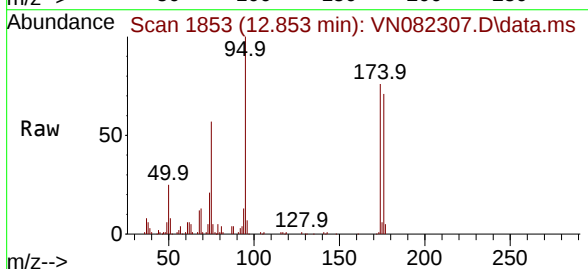
Tgt Ion:107 Resp: 11861
Ion Ratio Lower Upper
107 100
109 93.2 75.8 113.6

Manual Integrations
APPROVED

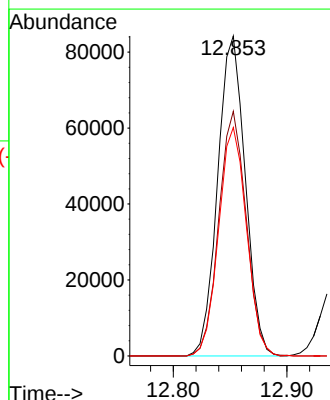
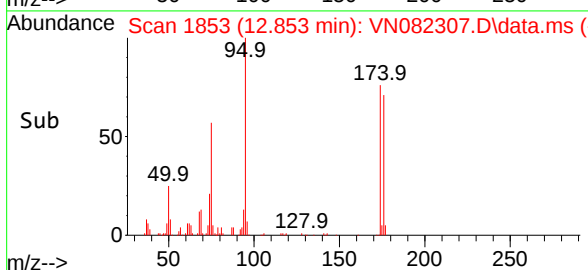
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

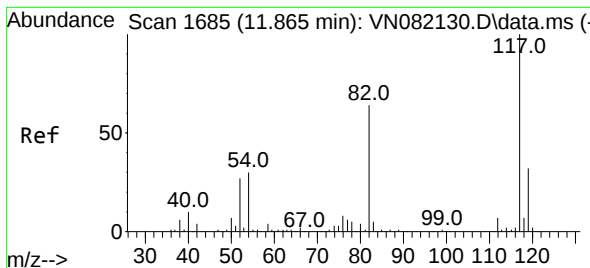


#62
4-Bromofluorobenzene
Concen: 52.564 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06



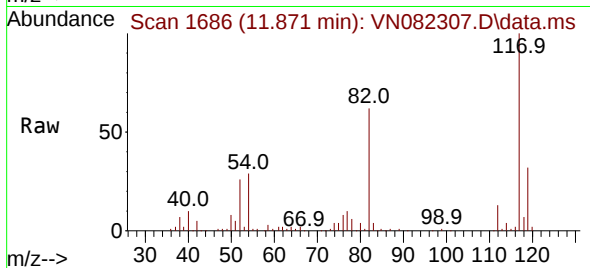
Tgt Ion: 95 Resp: 141920
Ion Ratio Lower Upper
95 100
174 75.9 0.0 160.6
176 72.2 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

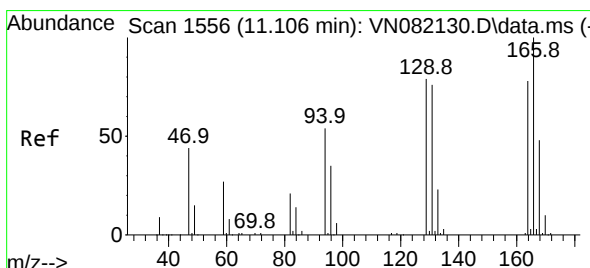
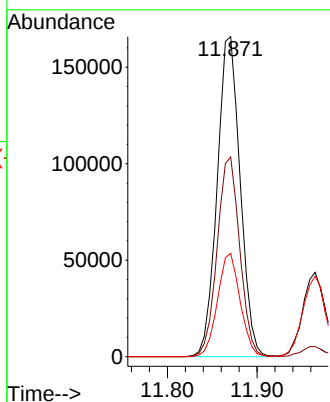
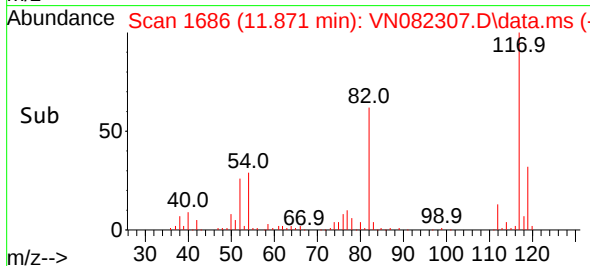
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 295564
Ion Ratio Lower Upper
117 100
82 62.4 44.6 66.8
119 32.3 25.9 38.9

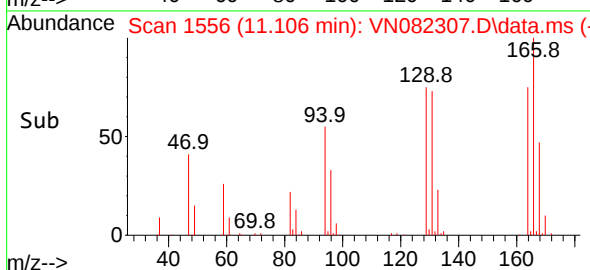
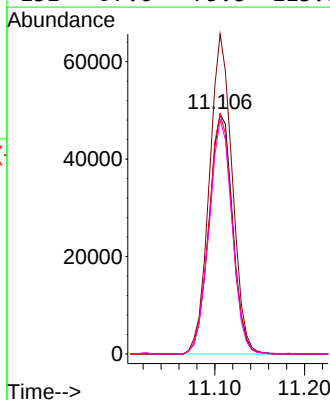
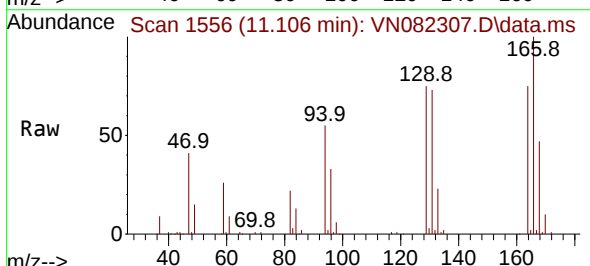
Manual Integrations
APPROVED

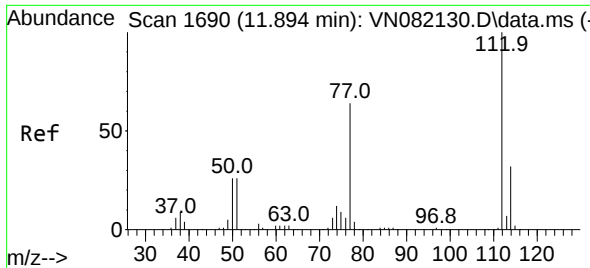
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#64
Tetrachloroethene
Concen: 41.182 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Tgt Ion:164 Resp: 90218
Ion Ratio Lower Upper
164 100
166 133.4 97.6 146.4
129 100.0 73.7 110.5
131 97.6 75.8 113.6





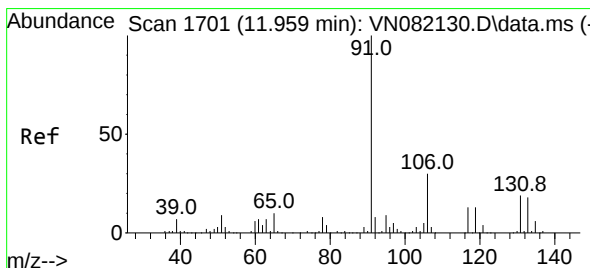
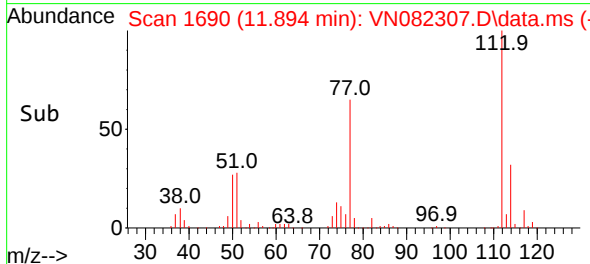
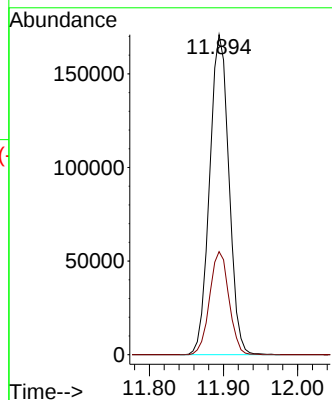
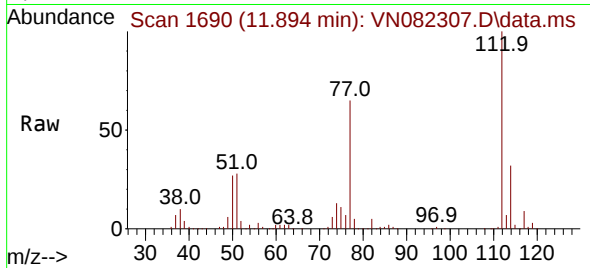
#65
Chlorobenzene
Concen: 47.364 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 30926
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

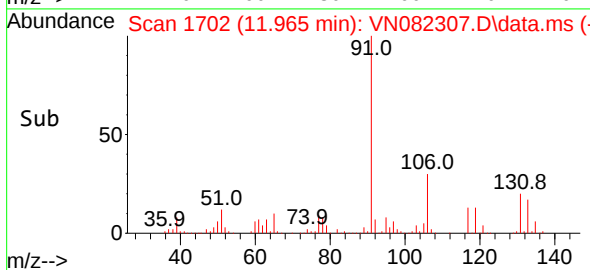
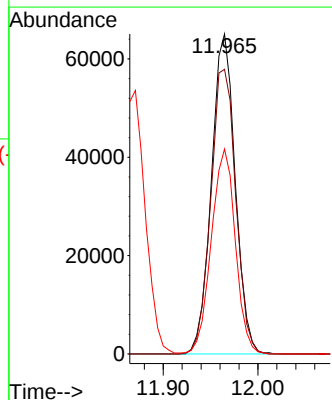
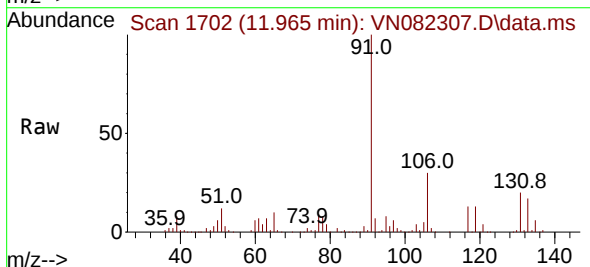
Manual Integrations
APPROVED

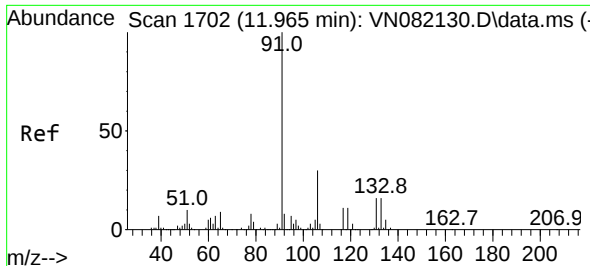
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.682 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

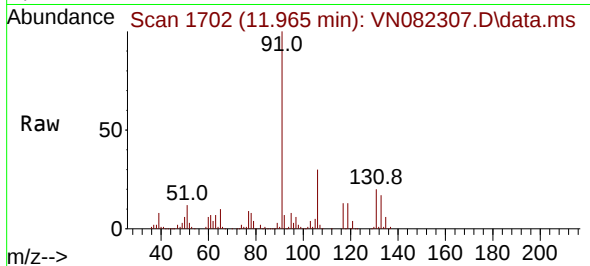
Tgt Ion:131 Resp: 113307
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.6
119 64.8 32.9 98.7





#67
Ethyl Benzene
Concen: 47.805 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

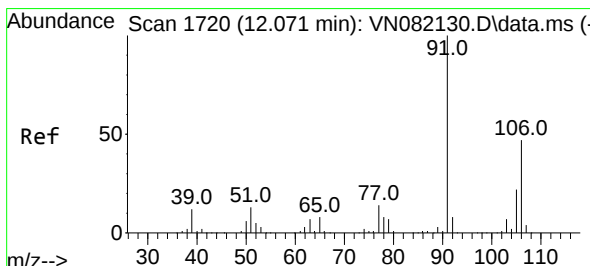
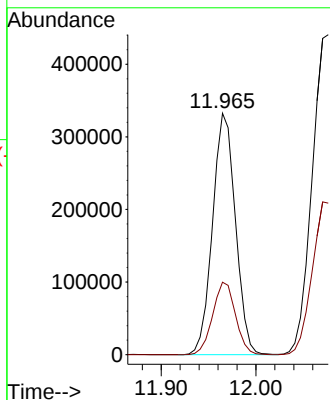
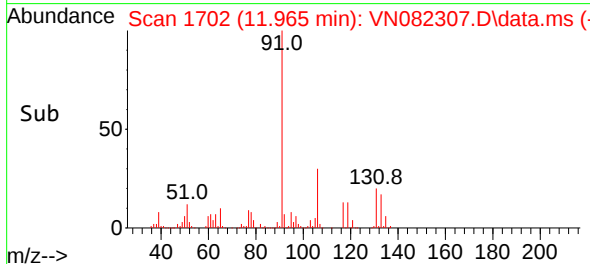
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



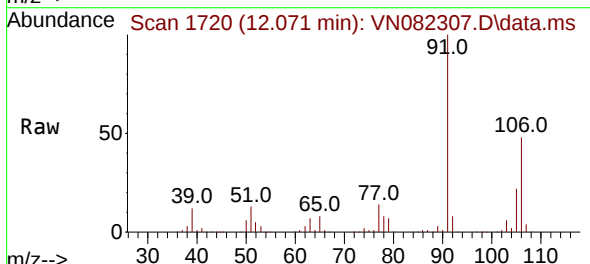
Tgt Ion: 91 Resp: 558379
Ion Ratio Lower Upper
91 100
106 30.0 25.3 37.9

Manual Integrations
APPROVED

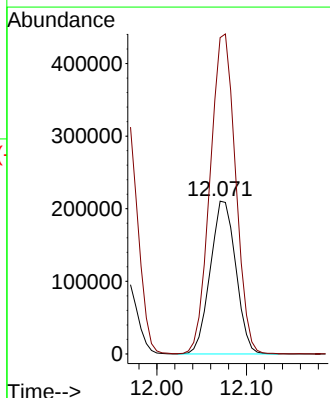
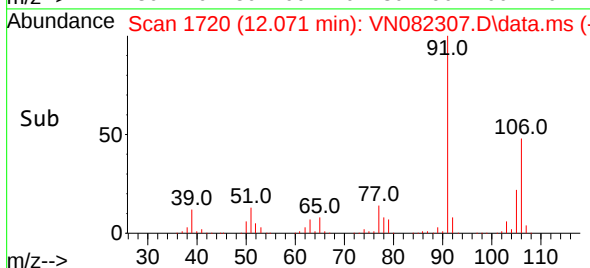
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

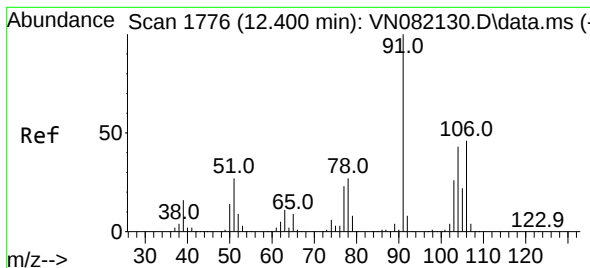


#68
m/p-Xylenes
Concen: 97.181 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06



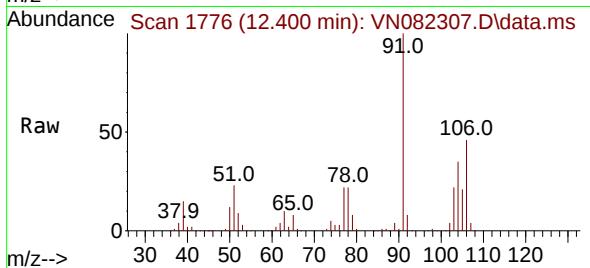
Tgt Ion:106 Resp: 416019
Ion Ratio Lower Upper
106 100
91 209.1 159.4 239.0





#69
o-Xylene
Concen: 49.652 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

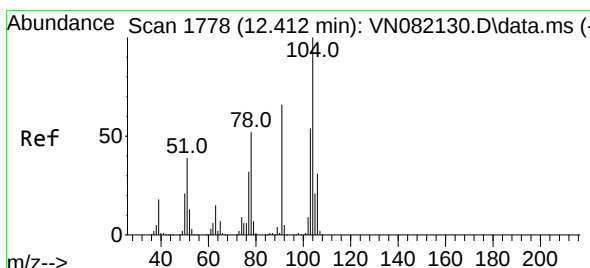
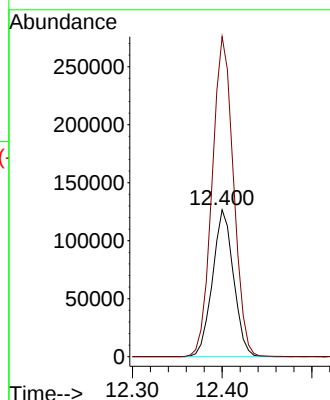
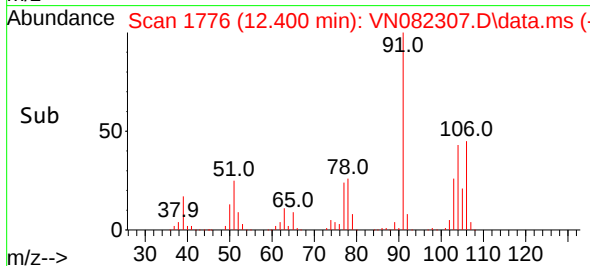
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 205895
Ion Ratio Lower Upper
106 100
91 221.8 104.7 314.1

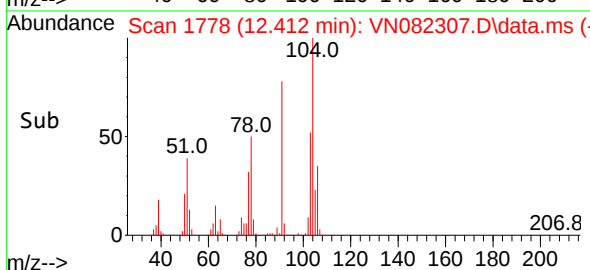
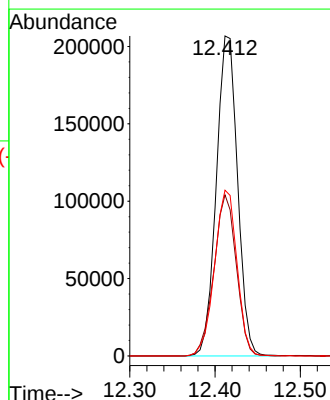
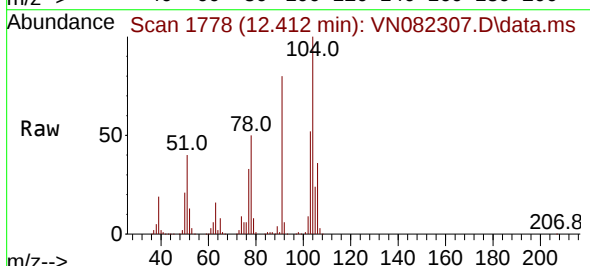
Manual Integrations
APPROVED

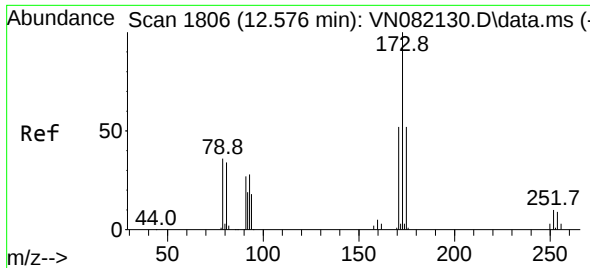
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#70
Styrene
Concen: 52.015 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

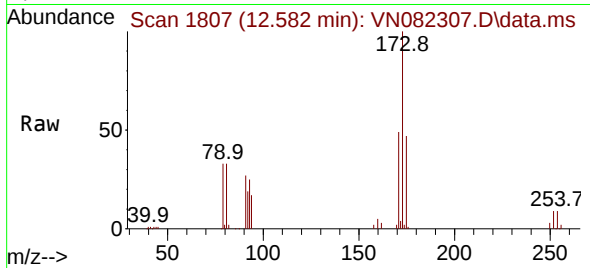
Tgt Ion:104 Resp: 358271
Ion Ratio Lower Upper
104 100
78 53.1 38.6 58.0
103 54.8 43.8 65.6





#71
Bromoform
Concen: 54.201 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

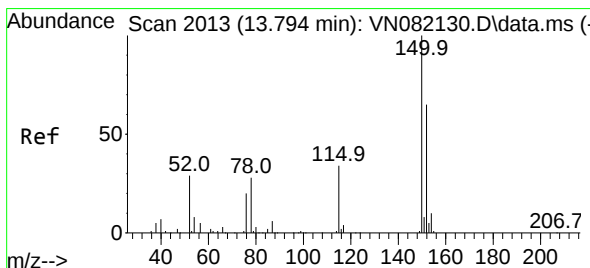
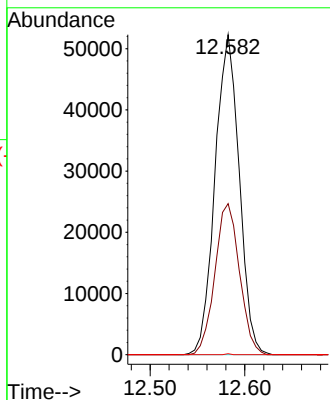
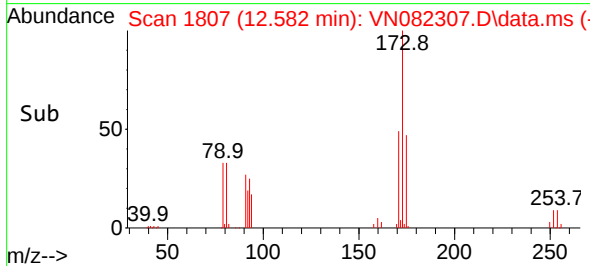
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 92818
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.1 0.0 0.0

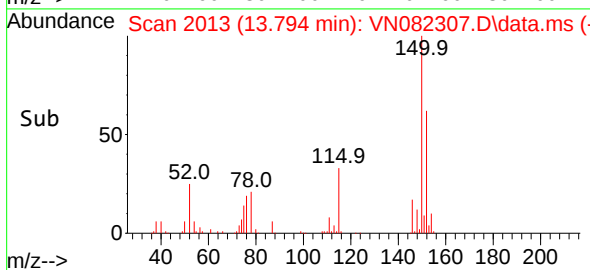
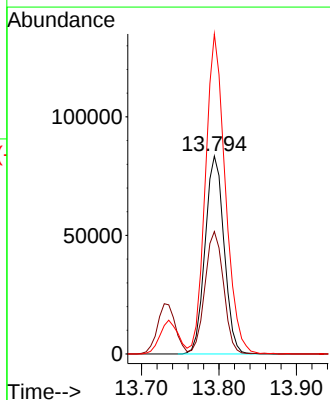
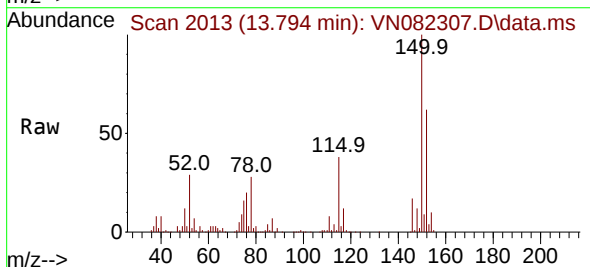
Manual Integrations
APPROVED

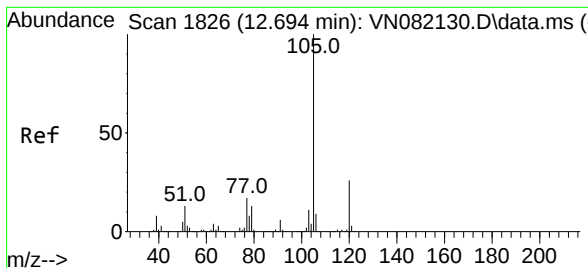
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Tgt Ion:152 Resp: 142042
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.3
150 169.8 0.0 353.2





#73

Isopropylbenzene

Concen: 46.985 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN082307.D

Acq: 22 May 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 530200

Ion Ratio Lower Upper

105 100

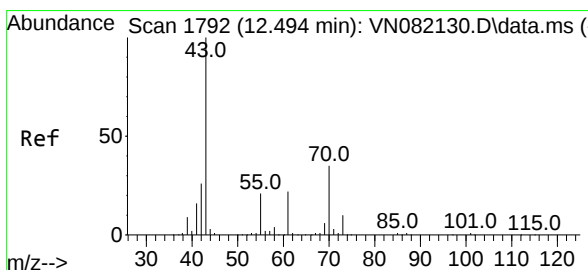
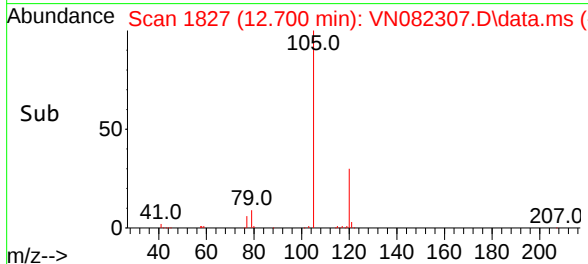
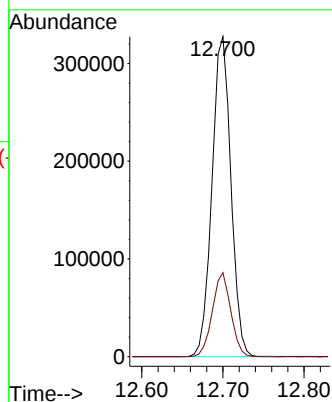
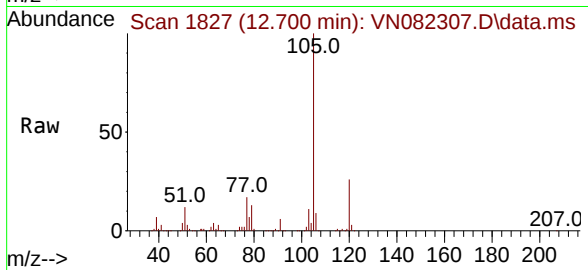
120 25.5 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#74

N-ethyl acetate

Concen: 53.953 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082307.D

Acq: 22 May 2024 21:06

Tgt Ion: 43 Resp: 334889

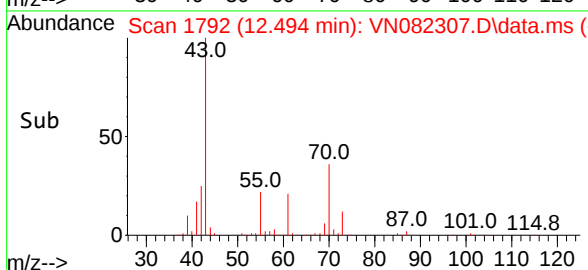
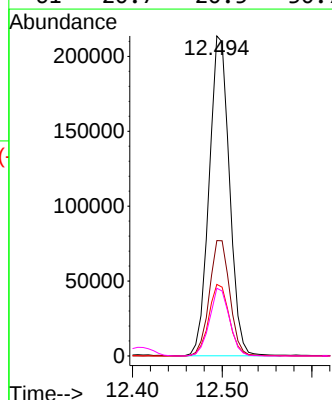
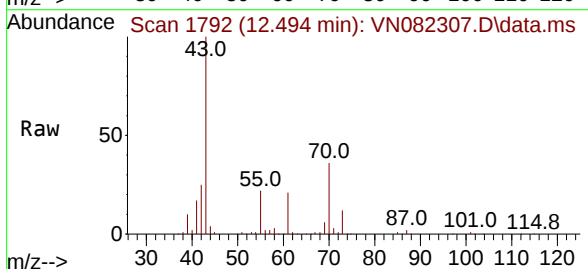
Ion Ratio Lower Upper

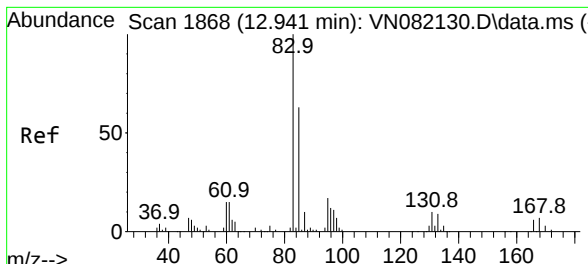
43 100

70 36.3 39.0 58.4

55 22.6 21.3 31.9

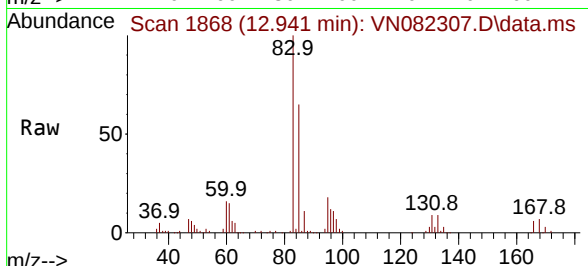
61 20.7 20.5 30.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.068 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN082307.D
 Acq: 22 May 2024 21:06

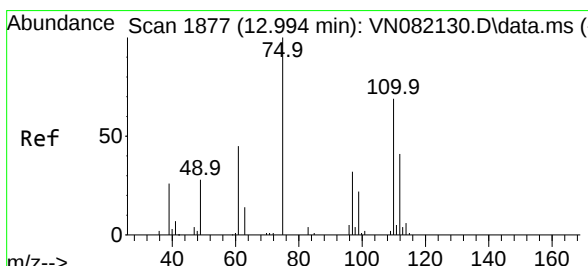
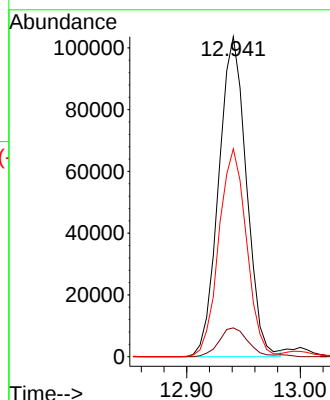
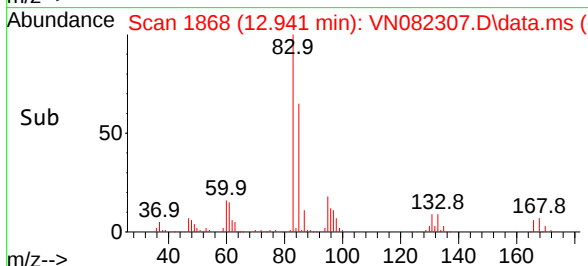
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 83 Resp: 175878
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.5 16.4
 85 65.0 32.9 98.6

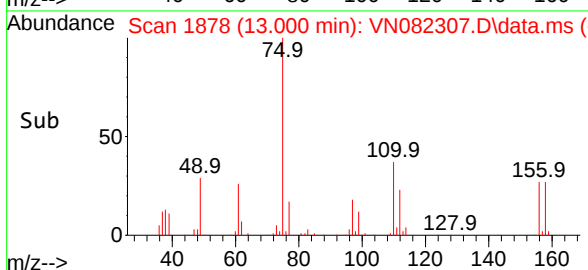
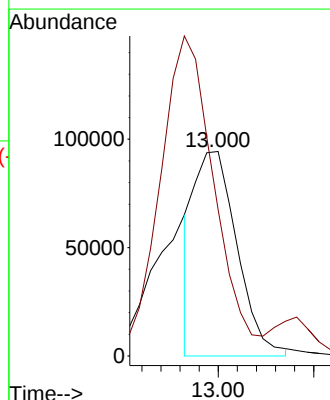
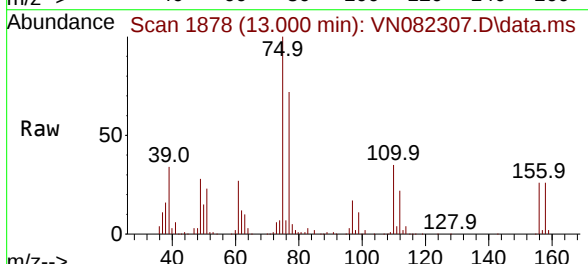
Manual Integrations
 APPROVED

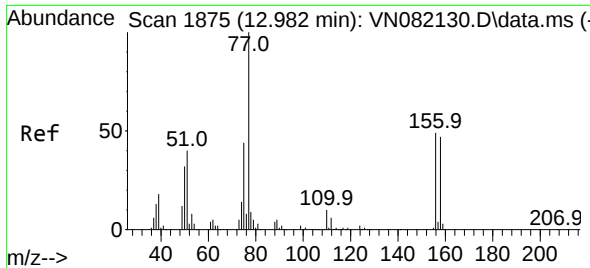
Reviewed By :John Carlone 05/23/2024
 Supervised By :Mahesh Dadoda 05/23/2024



#76
 1,2,3-Trichloropropane
 Concen: 49.251 ug/l m
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VN082307.D
 Acq: 22 May 2024 21:06

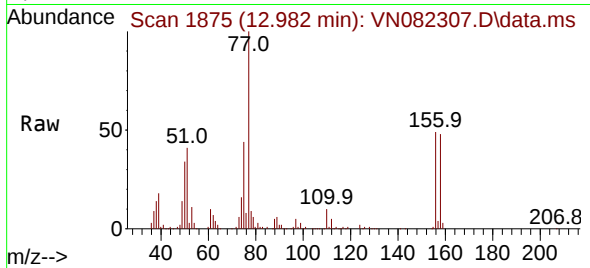
Tgt Ion: 75 Resp: 147242
 Ion Ratio Lower Upper
 75 100
 77 198.6 90.5 271.3





#77
Bromobenzene
Concen: 47.301 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

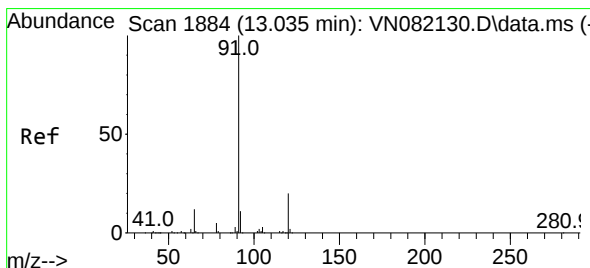
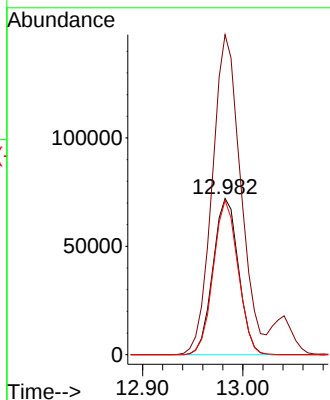
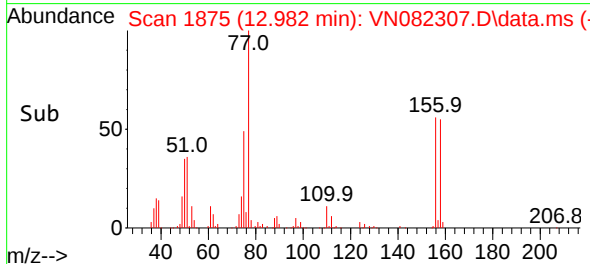
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



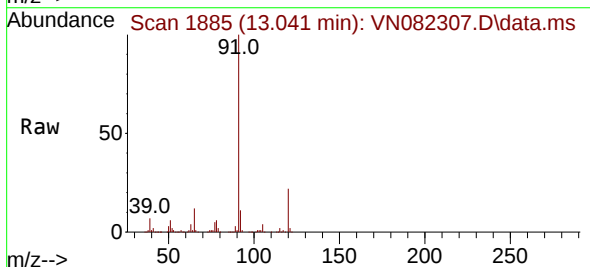
Tgt Ion:156 Resp: 127204
Ion Ratio Lower Upper
156 100
77 229.8 100.2 300.6
158 96.1 49.1 147.3

Manual Integrations
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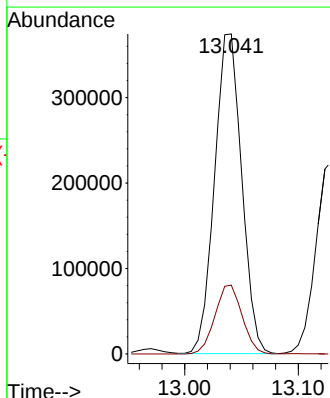
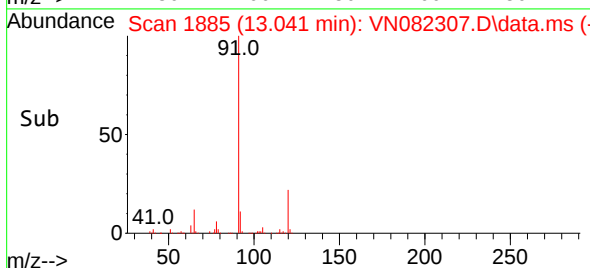
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

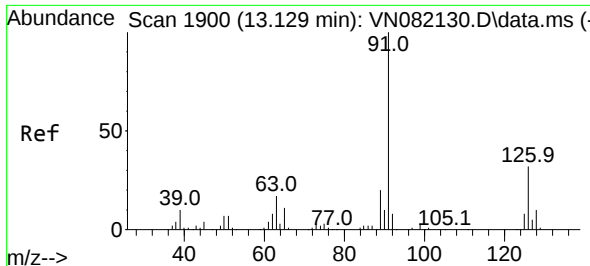


#78
n-propylbenzene
Concen: 46.499 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06



Tgt Ion: 91 Resp: 621351
Ion Ratio Lower Upper
91 100
120 21.6 11.7 35.0





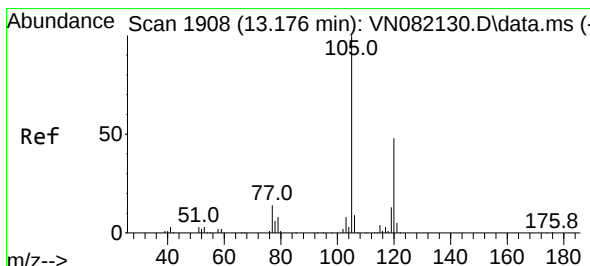
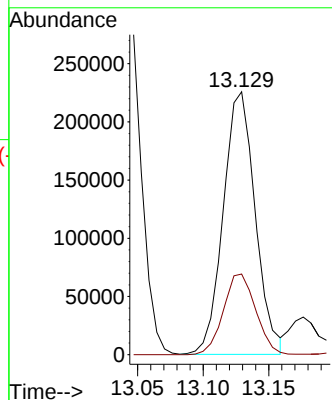
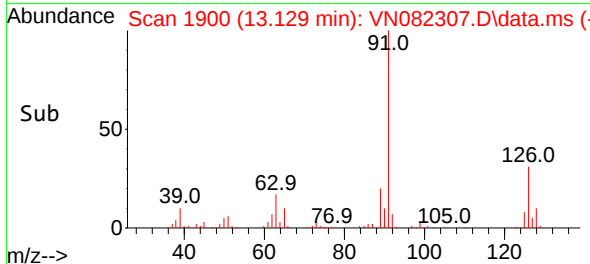
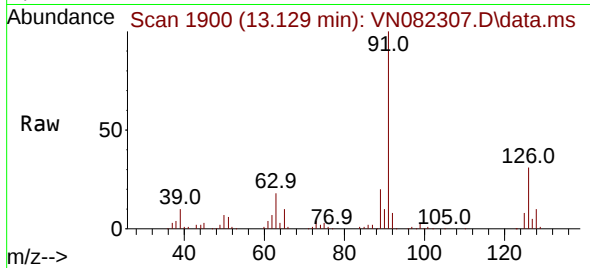
#79
2-Chlorotoluene
Concen: 45.641 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 382974
Ion Ratio Lower Upper
91 100
126 31.1 17.5 52.5

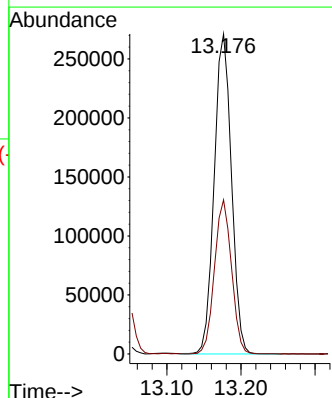
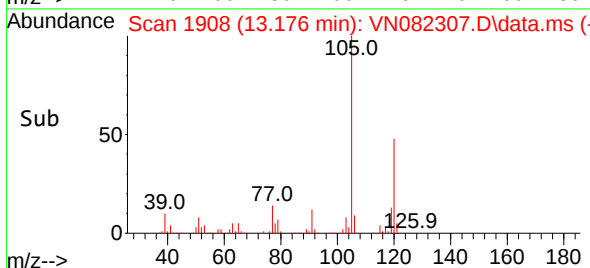
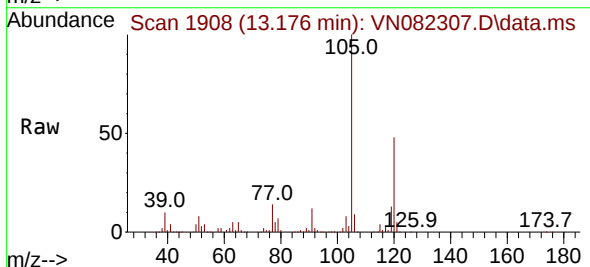
Manual Integrations
APPROVED

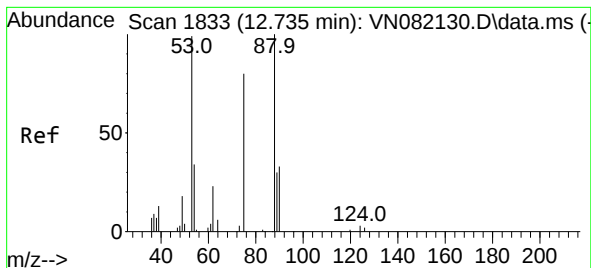
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 48.058 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

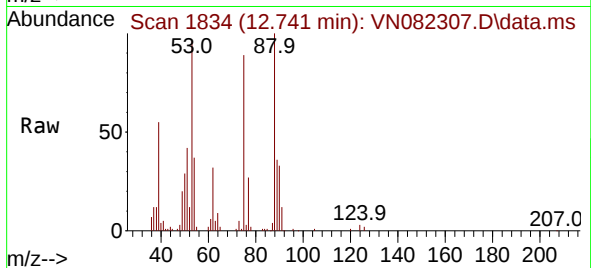
Tgt Ion:105 Resp: 438505
Ion Ratio Lower Upper
105 100
120 47.5 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.605 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

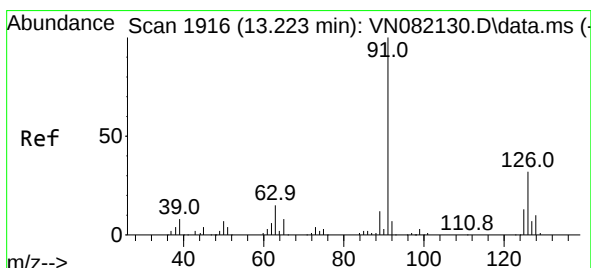
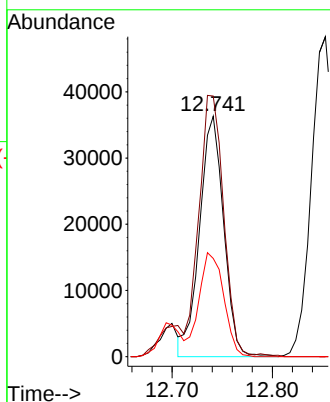
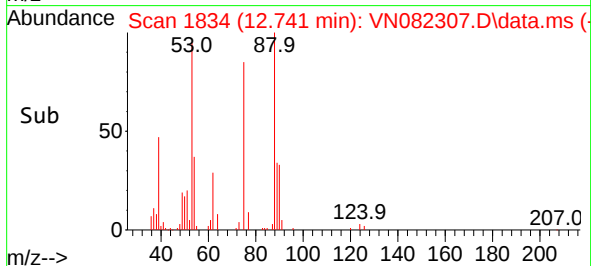
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 60848
Ion Ratio Lower Upper
75 100
53 125.2 72.9 109.3
89 44.4 39.1 58.7

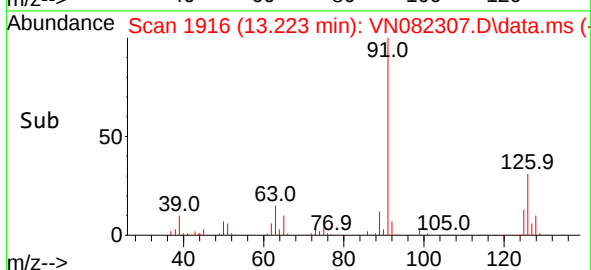
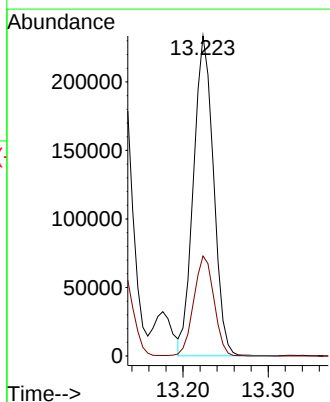
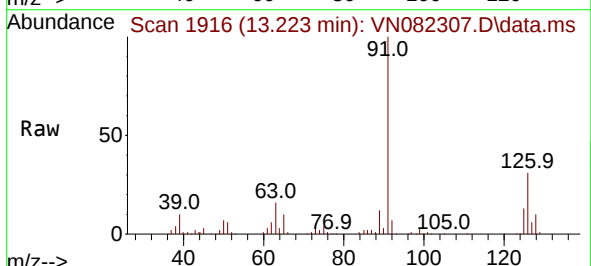
Manual Integrations
APPROVED

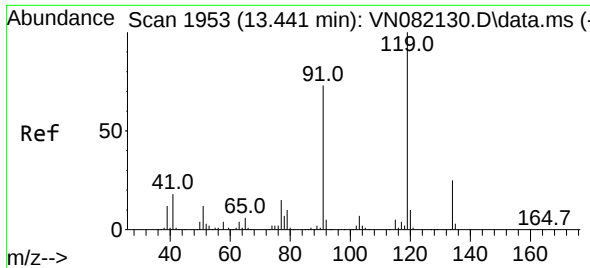
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#82
4-Chlorotoluene
Concen: 46.327 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

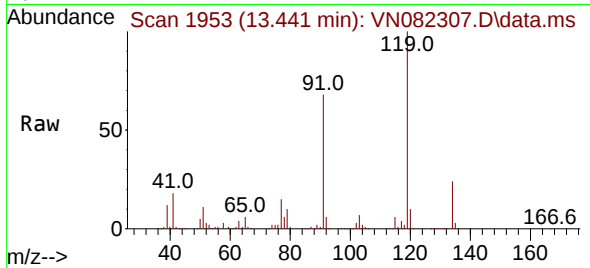
Tgt Ion: 91 Resp: 380067
Ion Ratio Lower Upper
91 100
126 31.6 17.4 52.3





#83
tert-Butylbenzene
Concen: 46.803 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

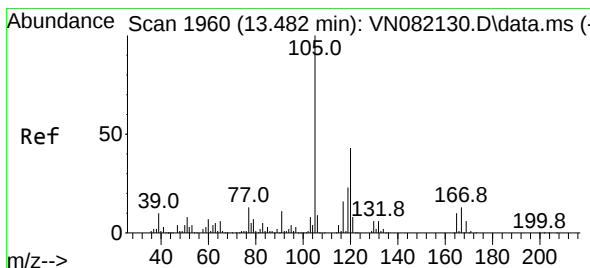
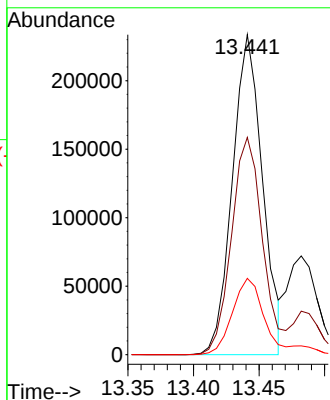
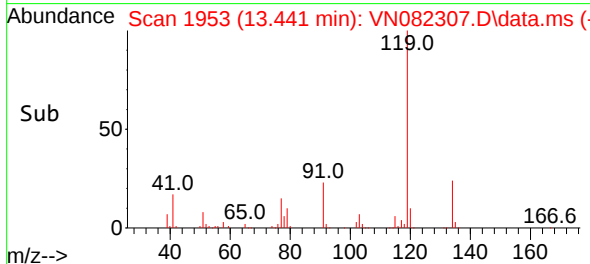
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



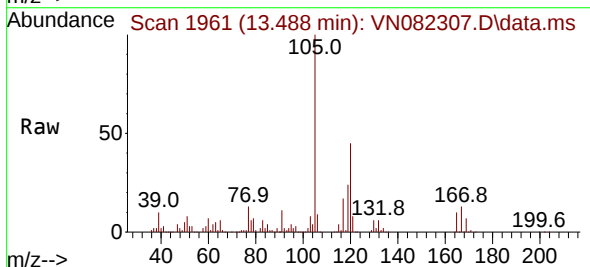
Tgt Ion:119 Resp: 373609
Ion Ratio Lower Upper
119 100
91 70.6 32.6 97.8
134 26.8 12.4 37.0

Manual Integrations
APPROVED

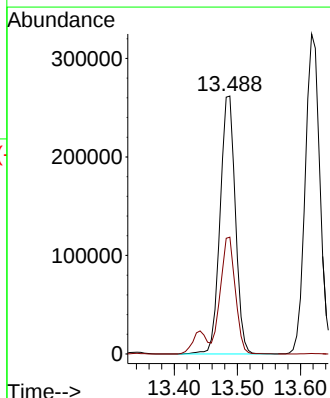
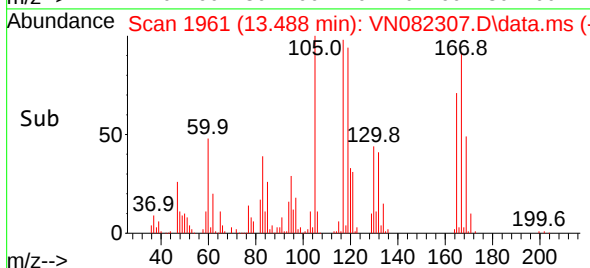
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

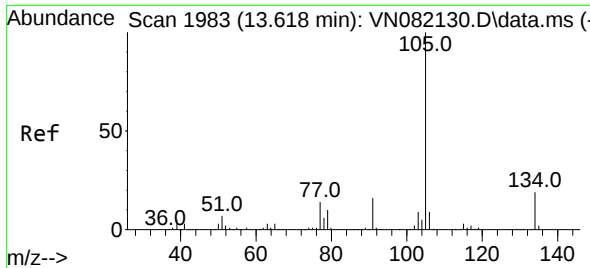


#84
1,2,4-Trimethylbenzene
Concen: 47.122 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06



Tgt Ion:105 Resp: 439890
Ion Ratio Lower Upper
105 100
120 43.9 22.9 68.7





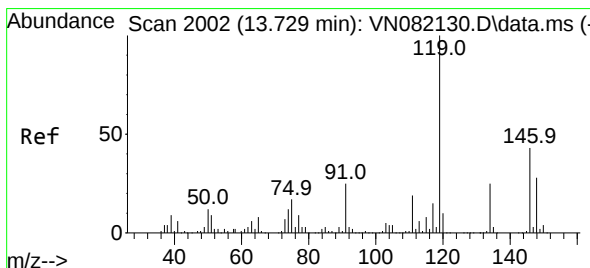
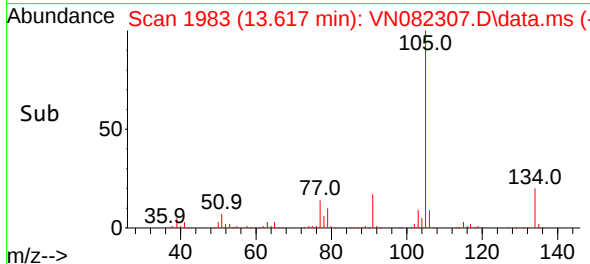
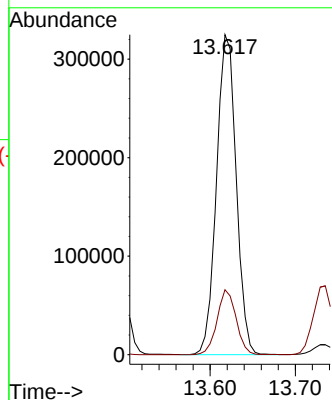
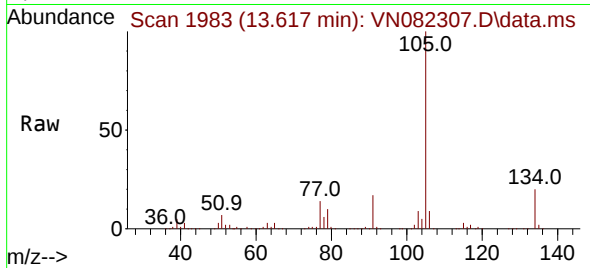
#85
 sec-Butylbenzene
 Concen: 47.131 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082307.D
 Acq: 22 May 2024 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 52148
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4

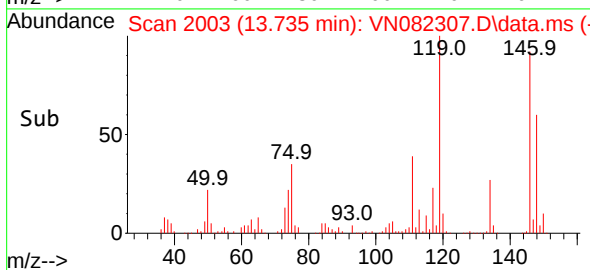
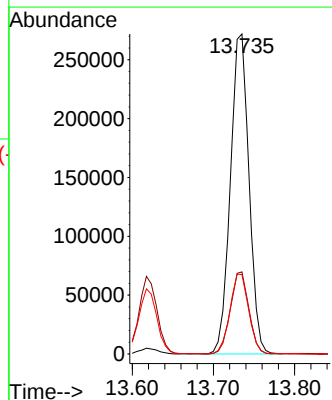
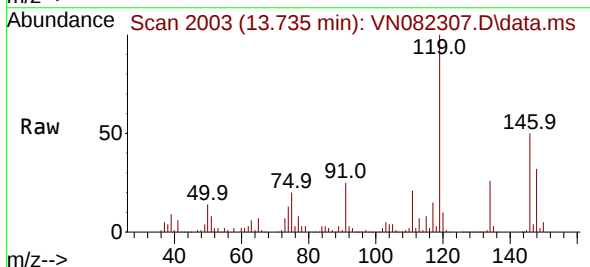
Manual Integrations
 APPROVED

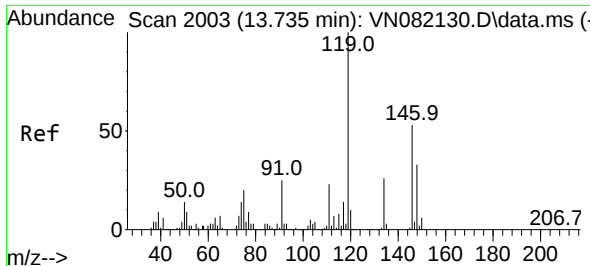
Reviewed By :John Carlone 05/23/2024
 Supervised By :Mahesh Dadoda 05/23/2024



#86
 p-Isopropyltoluene
 Concen: 48.091 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN082307.D
 Acq: 22 May 2024 21:06

Tgt Ion:119 Resp: 432441
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 25.2 11.8 35.3





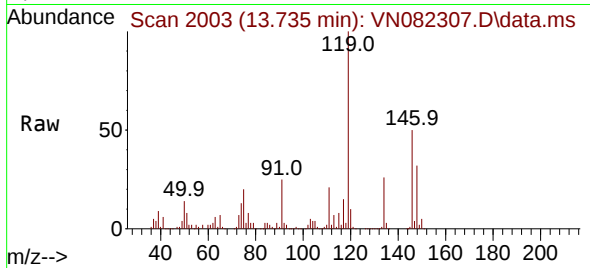
#87
1,3-Dichlorobenzene
Concen: 46.165 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



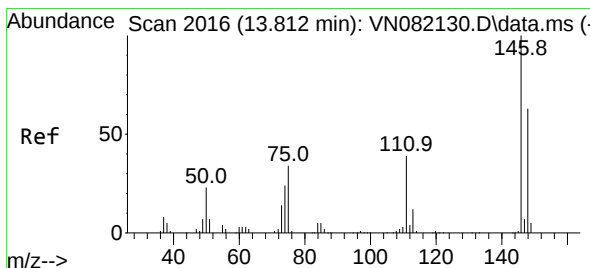
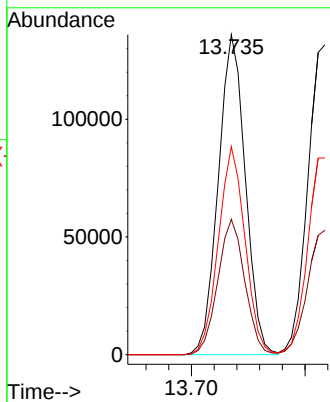
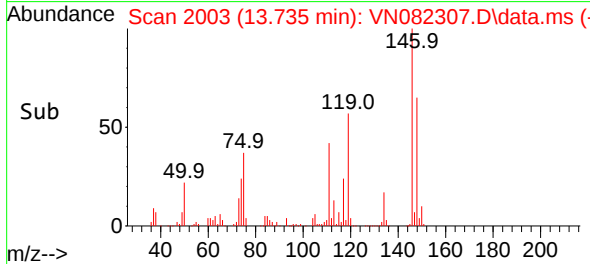
Tgt Ion:146 Resp: 224918
Ion Ratio Lower Upper
146 100
111 42.3 20.8 62.5
148 64.1 32.1 96.3

Manual Integrations

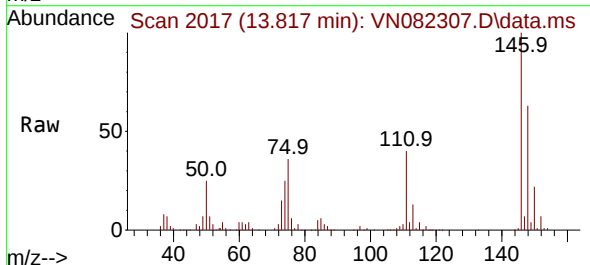
APPROVED

Reviewed By :John Carlone 05/23/2024

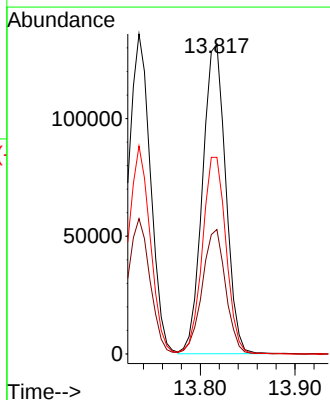
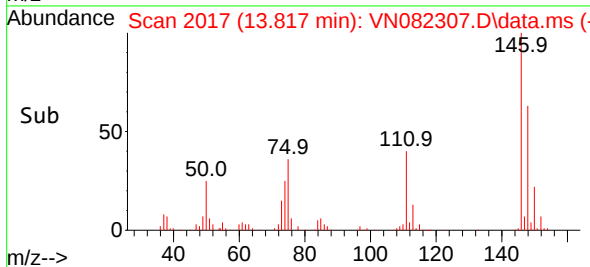
Supervised By :Mahesh Dadoda 05/23/2024

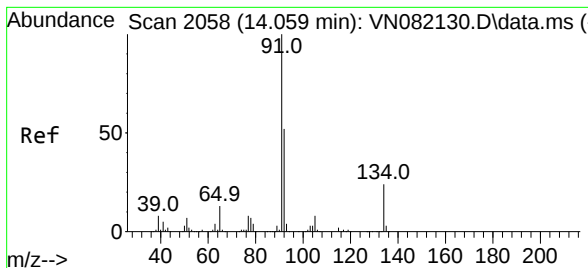


#88
1,4-Dichlorobenzene
Concen: 45.036 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06



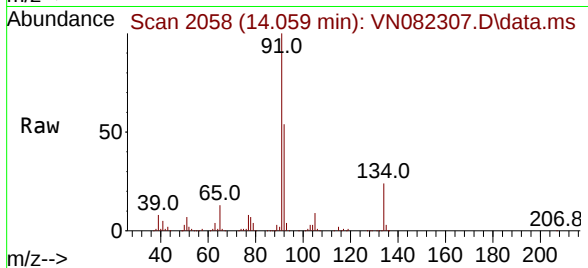
Tgt Ion:146 Resp: 223946
Ion Ratio Lower Upper
146 100
111 40.3 19.3 57.9
148 64.8 31.3 93.9





#89
n-Butylbenzene
Concen: 46.022 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

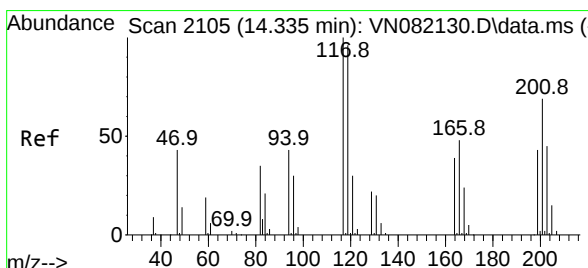
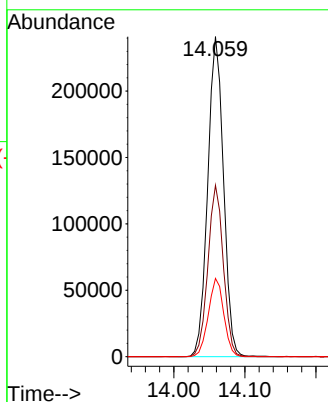
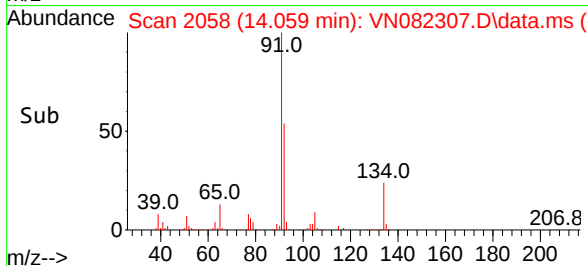
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 37196
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 24.0 13.2 39.5

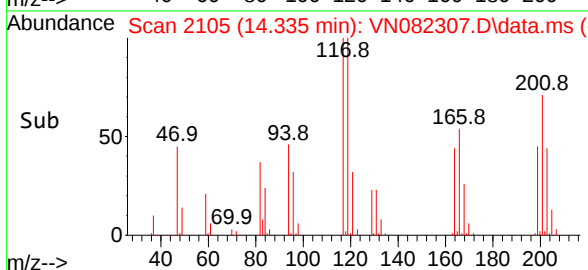
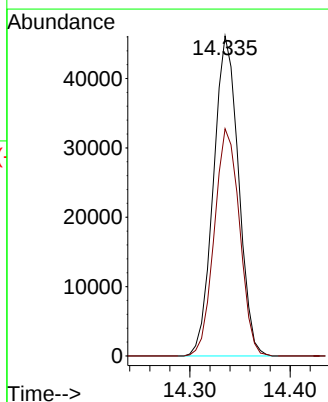
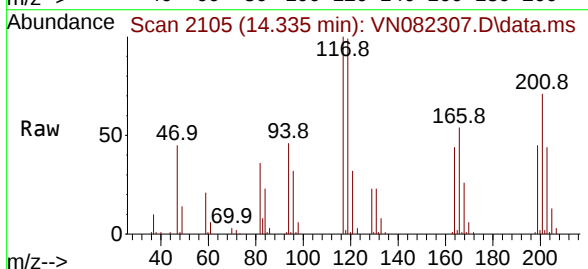
Manual Integrations
APPROVED

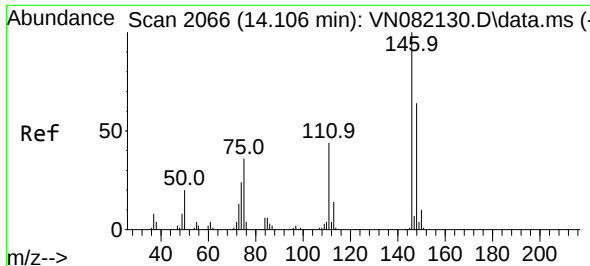
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#90
Hexachloroethane
Concen: 48.008 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

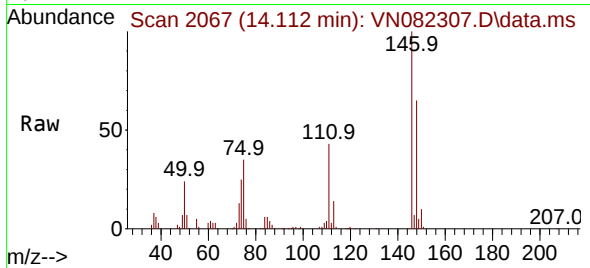
Tgt Ion:117 Resp: 79984
Ion Ratio Lower Upper
117 100
201 71.6 33.3 99.8





#91
1,2-Dichlorobenzene
Concen: 47.928 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

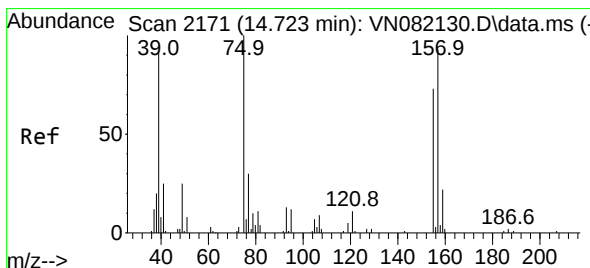
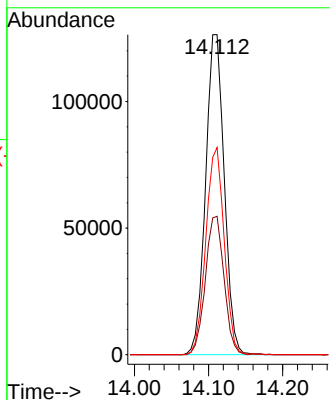
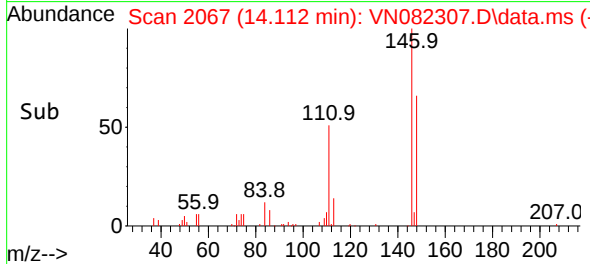
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



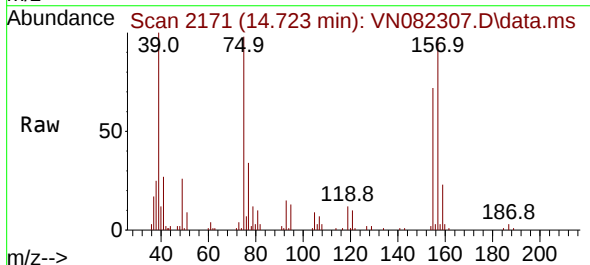
Tgt Ion:146 Resp: 221030
Ion Ratio Lower Upper
146 100
111 43.3 21.3 64.0
148 64.0 31.8 95.4

Manual Integrations
APPROVED

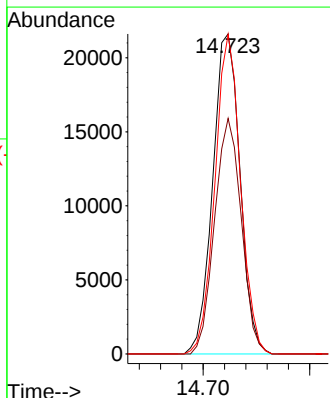
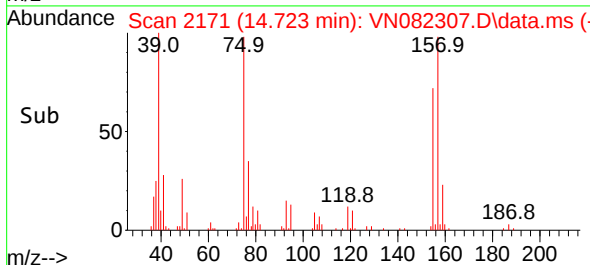
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

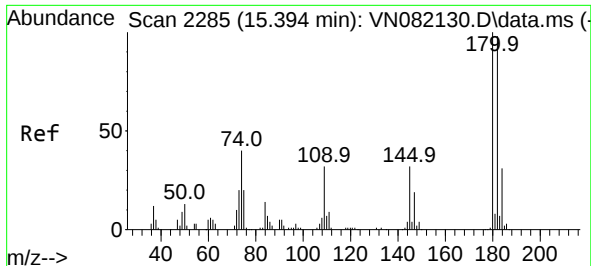


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.413 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06



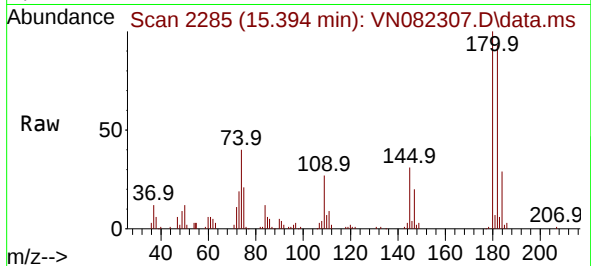
Tgt Ion: 75 Resp: 38371
Ion Ratio Lower Upper
75 100
155 72.3 42.6 128.0
157 93.7 53.0 159.0





#93
1,2,4-Trichlorobenzene
Concen: 45.345 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

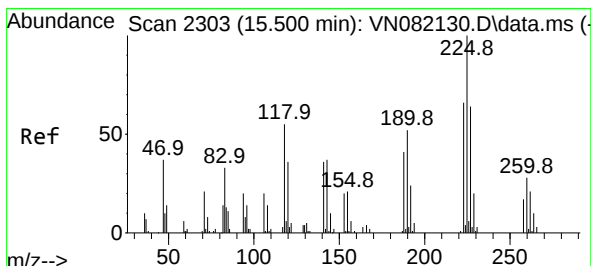
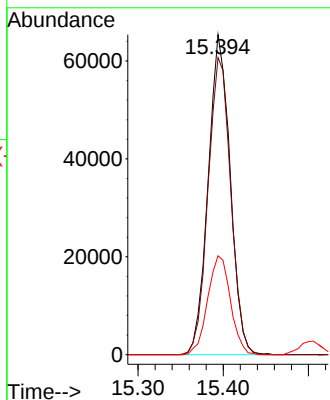
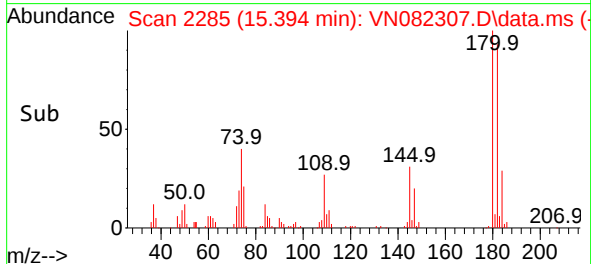
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



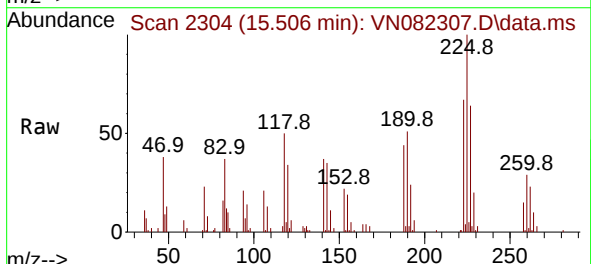
Tgt Ion:180 Resp: 117220
Ion Ratio Lower Upper
180 100
182 95.7 46.7 140.0
145 31.9 16.2 48.6

Manual Integrations
APPROVED

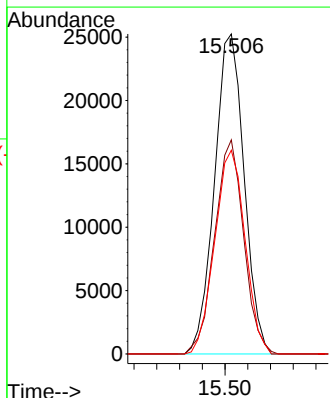
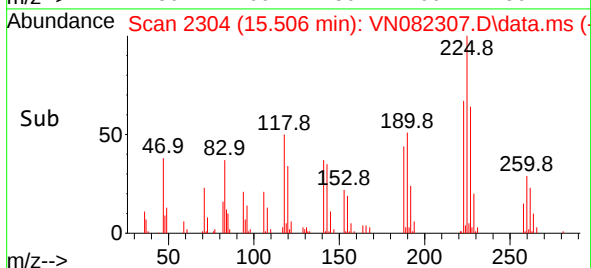
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

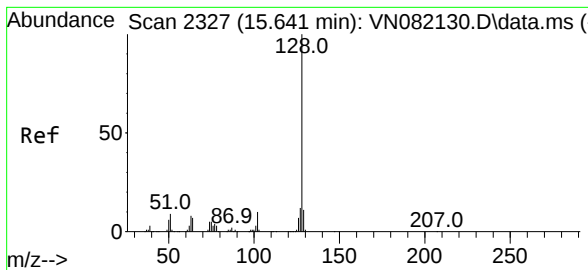


#94
Hexachlorobutadiene
Concen: 40.305 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06



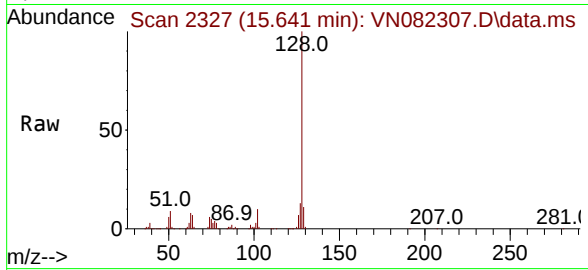
Tgt Ion:225 Resp: 45718
Ion Ratio Lower Upper
225 100
223 65.6 31.1 93.2
227 65.1 30.6 91.6





#95
Naphthalene
Concen: 53.804 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06

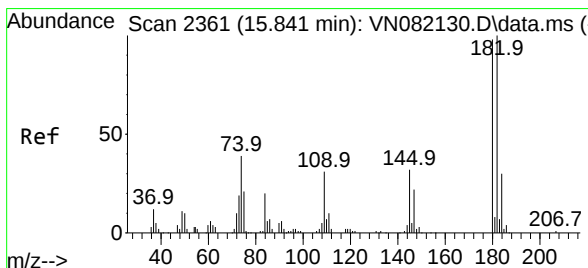
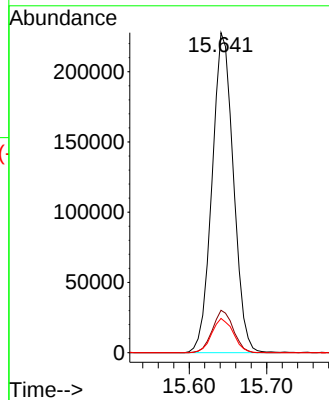
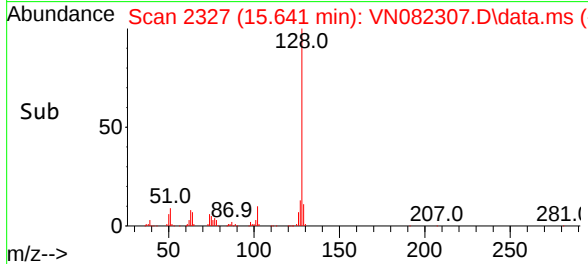
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



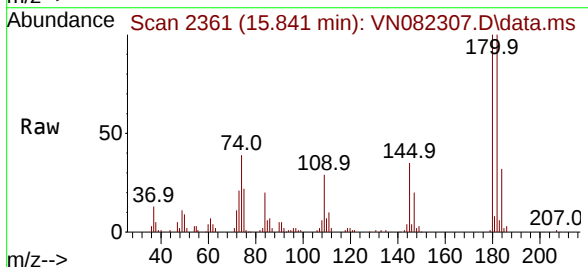
Tgt Ion:128 Resp: 435879
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#96
1,2,3-Trichlorobenzene
Concen: 46.096 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082307.D
Acq: 22 May 2024 21:06



Tgt Ion:180 Resp: 119290
Ion Ratio Lower Upper
180 100
182 96.7 46.0 137.8
145 34.3 17.1 51.3

